User Guide

Quality, Design and Innovation



home.liebherr.com/fridge-manuals

LIEBHERR

Contents

1 Appliance at a glance ... 3
1.1 Scope of delivery ... 3
1.2 Overview of the appliance and equipment ... 3
AutoDoor ... 3
1.4 Appliance range of use ... 4
1.5 Conformity ... 4
1.6 EPREL database ... 4

2 General safety instructions ... 4

3 Putting into operation ... 6
3.1 Switching on appliance ... 6
3.2 Inserting the components ... 6

4 Foods management ... 7
4.1 Storing food ... 7
4.2 Storage times ... 7

5 Saving energy ... 8

6 Controls ... 8
6.1 Controls and displays ... 8
6.1.1 Status display ... 9
6.1.2 Navigation ... 9
6.1.3 Display symbols ... 9
6.2 Control concept ... 9
6.2.1 Activating/deactivating the function ... 9
6.2.2 Selecting function value ... 9
6.2.3 Activating/deactivating settings ... 9
6.2.4 Selecting the setting value ... 10
6.2.5 Go to the Customer menu ... 10
6.3 Functions ... 10
Temperature ... 10
SuperCool ... 11
PartyMode ... 11
HolidayMode ... 11
EnergySaver ... 11
HydroBreeze ... 11
6.4 Settings ... 11
Language ... 11
AutoDoor ... 12
Connecting to the WLAN ... 14
Entry lock ... 14
Display brightness ... 14
Door alarm ... 14
Info ... 15
SabbathMode ... 15
CleaningMode ... 15
BioFresh B-Value ... 15
C-Value* ... 15
D-Value ... 16
Reminder ... 16
Reset ... 16
Turn off appliance ... 16
6.5 Fault messages ... 16
6.5.1 Warnings ... 16
6.5.2 Message ... 17
6.5.3 DemoMode ... 17

7 Features ... 17
7.1 4-star freezer compartment* ... 17
7.2 Door rack ... 17
7.3 Shelves ... 18
7.4 Dividing shelf ... 18
7.5 VarioSafe ... 19
7.6 InfinitySpring* ... 19
7.7 Space for baking tray ... 20
7.8 Adjustable bottle shelf ... 20
7.9 Drawers ... 20
7.10 Fruit & Vegetable safe cover ... 21
7.11 Adjusting the moisture levels ... 21
7.12 HydroBreeze ... 22
7.13 Accessories ... 23

8 Maintenance ... 24
8.1 FreshAir carbon filter ... 24
8.2 Water tank* ... 25
8.3 Water filter* ... 25
8.4 Disassembling / assembling pull-out systems ... 26
8.5 Defrosting the appliance ... 26
8.6 Defrosting the freezer compartment manually* ... 26
8.7 Cleaning the appliance ... 26

9 Customer help ... 27
9.1 Technical specifications ... 27
9.2 Operating noises ... 27
9.3 Technical fault ... 28
9.4 Customer Services ... 30
9.5 Model plate ... 30

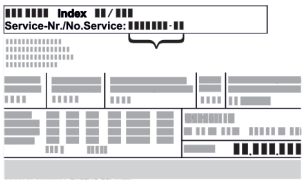
10 Shutting down ... 30

11 Disposal ... 30
11.1 Preparing appliance for disposal ... 30
11.2 Disposing of the appliance in an environmentally friendly manner ... 31

The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	**Read instructions** Please read the information in these instructions carefully to understand all of the benefits of your new appliance.

*** Depending on model and options**

Symbol	Explanation
	Full instructions on the internet You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at **home.liebherr.com/fridge-manuals**. The service number can be found on the serial tag:  *Fig.* Example illustration
	Check appliance Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.
	Differences These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).
	Instructions and results Instructions are marked with a ▶. Results are marked with a ▷.
	Videos Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

These operating instructions apply to:

IRBA / d	41.. / 51..

1 Appliance at a glance

1.1 Scope of delivery

Check all parts for damage during transport. If you have any complaints, please contact your retailer or Customer Services (see 9.4 Customer Services) .

Your new appliance comes with the following parts:

- Built-in appliance
- Features (depending on the model)
- Installation materials (depending on the model)
- “Quick Start Guide”
- “Installation Guide”
- Service Brochure

1.2 Overview of the appliance and equipment

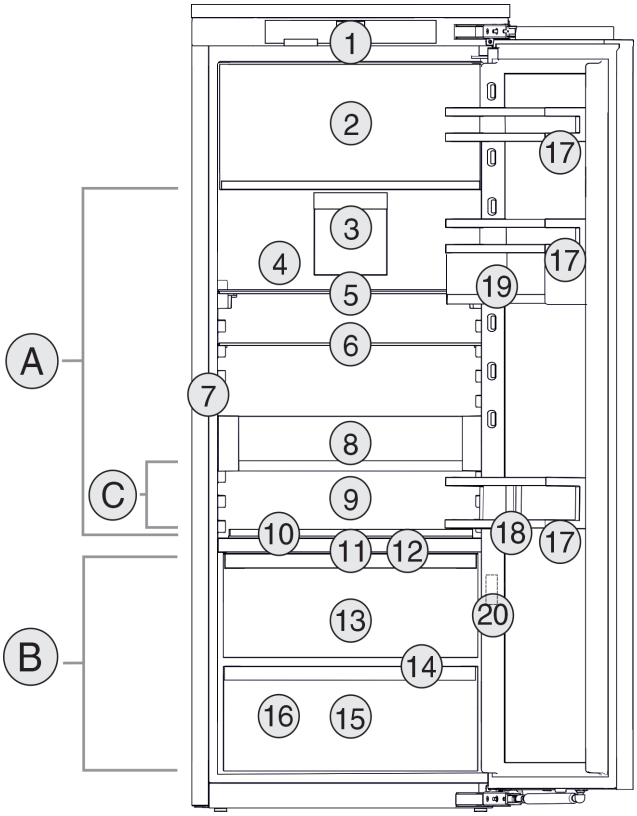


Fig. 1 Example illustration

Temperature range

(A) Fridge compartment
(B) BioFresh
(C) Coldest zone

Equipment

(1) Controls
(2) 4-star freezer compartment*
(3) Fan with FreshAir activated charcoal filter
(4) Dry rear wall
(5) Separable storage shelf
(6) Storage shelf
(7) InfinitySpring*
(8) VarioSafe
(9) Space for baking tray
(10) Adjustable bottle shelf
(11) HydroBreeze
(12) Lid for Fruit & Vegetable-Safe
(13) Fruit & Vegetable-Safe
(14) Drain outlet
(15) Meat & Dairy-Safe
(16) Serial tag
(17) Door shelf
(18) Bottle holder
(19) VarioBox
(20) Knocking sensor

Note

▶ Shelves, drawers and baskets are arranged for optimum energy efficiency when the appliance is delivered. Changing how the shelves, for example, are inserted in the fridge compartment does not have any impact on energy consumption.

AutoDoor

Your appliance is equipped with AutoDoor.

You can open the door in various ways:

- by hand
- by knocking
- by smartphone
- by voice command

	Knocking You can open and close the door by knocking on it with your hand. You can configure the knocking signal using the display and controls. You can change the sensitivity to knocking at any time.
	Smartphone You can open and close the door by smartphone. To do this you must install the SmartDevice app on your smartphone and connect your appliance to the WiFi. You make all the settings in the SmartDevice app.
	Voice command You can open and close the door by voice command. To do this you must install the SmartDevice app on your smartphone, connect your appliance to the WiFi and use a suitable voice assistant. You make all the settings in the SmartDevice app.



You can find detailed information and tutorials at:

home.liebherr.com/faq-autodoor

1.4 Appliance range of use

Intended use

The appliance is only suitable for cooling food products in a domestic or household-like environment. This includes, for example, use:

- in staff kitchens, bed and breakfast establishments,
- by guests in country houses, hotels, motels and other accommodation,
- for catering and similar services in the wholesale trade.

The appliance is not suitable for freezing food;*

All other types of use are not permitted.

Foreseeable misuse

The following applications are expressly forbidden:

- Storing and refrigerating medicines, blood plasma, laboratory preparations or similar substances and products based on the Medical Device Directive 2007/47/EC
- Use in areas at risk of explosions

Misusing the appliance may lead to damage to the goods stored or they may spoil.

Climate classifications

Depending on the climate classification the appliance is designed to operate in restricted ambient temperatures. The climate classification applying to your appliance is printed on the rating plate.

Note

▶ Keep to the specified ambient temperatures in order to guarantee that the appliance works properly.

Climate classification	for ambient temperatures of
SN	10 °C to 32 °C
N	16 °C to 32 °C
ST	16 °C to 38 °C
T	16 °C to 43 °C

1.5 Conformity

The refrigerant circuit has been tested for leaks. When installed, the appliance complies with the applicable safety regulations and with the corresponding directives.

For the market:	EU	The appliance complies with directive 2014/53/EU.
For the market:	GB	The appliance complies with Radio Equipment Regulations 2017 SI 2017 No. 1206.

The full text of the EU Declaration of Conformity is available on the following website: www.Liebherr.com

The BioFresh compartment meets the requirements of a cold storage compartment as set out in DIN EN 62552:2020.

1.6 EPREL database

Details about energy labelling and ecodesign requirements will be available on the European product database (EPREL) from 1st March 2021. You can access the product database at the following link: https://eprel.ec.europa.eu/ You will be asked to enter the model ID. You can find the model ID on the nameplate.

2 General safety instructions

Please keep these operating instructions in a safe place so you can refer back to them at any time.

If you pass the appliance on, please hand these operating instructions to the next user.

Read these operating instructions carefully before use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.

Danger for the user:

- This device can be used by children and people with impaired physical, sensory or mental abilities or with a lack of experience and knowledge provided that they are supervised or have received instruction in the safe use of this device, and about the resulting hazards. Children must not

* Depending on model and options

play with this appliance. Cleaning and user maintenance work must not be carried out by children without adult supervision. Children aged between 3 and 8 are allowed to load and unload the appliance. Children below the age of 3 must be kept away from the appliance unless they are under continuous adult supervision.
- The socket must be easily accessible so that the appliance can be disconnected quickly from the electricity in an emergency. It must not be located in the area behind the appliance.
- When disconnecting the appliance from the supply, always take hold of the plug. Do not pull the cable.
- In the event of a fault pull out the mains plug or deactivate the fuse.
- Do not damage the mains power cable. Do not operate the appliance with a defective mains power cable.
- Only customer service or other specially trained staff may repair or perform other operations on the appliance.
- Only install, connect and dispose of the appliance according to the instructions.
- Only use the appliance when is installed.
- The manufacturer is not liable for damage caused by a faulty fixed water connection.*

Fire hazard:

- The coolant used (information on the model plate) is ecofriendly but also flammable. Any leaking coolant may ignite.
  - Do not damage the refrigerant circuit pipes.
  - Do not handle ignition sources inside the appliance.
  - Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters, ice cream makers, etc.).
  - If the refrigerant leaks: remove any naked flames or ignition sources from the vicinity of the leakage point. Properly air the room. Inform customer services.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. To identify these spray cans, look for the list of contents printed on the can, or a flame symbol. Gases possibly escaping may ignite due to electrical components.
- Keep burning candles, lamps and other items with naked flames away from the appliance so that they do not set the appliance on fire.
- Please be sure to store alcoholic drinks or other packaging containing alcohol in tightly closed containers. Any alcohol that leaks out may be ignited by electrical components.

Danger of tipping and falling:

- Do not misuse the plinth, drawers, doors etc. as a step or for support. This applies particularly to children.

Danger of food poisoning:

- Do not consume food which has been stored too long.

Danger of frostbite, numbness and pain:

- Avoid prolonged skin contact with cold surfaces or refrigerated/frozen goods or take protective measures, e.g wear gloves.

Danger of injury and damage:

- Hot steam can lead to injury. Do not use electrical heating or steam cleaning equipment, open flames or defrosting sprays to defrost.
- Do not use sharp implements to remove the ice.

Risk of crushing:



Fig. 2

- When the door is closing, keep the door area clear and do not reach inside.
- Do not hold the hinge when opening and closing the door. Fingers may get caught.

Risk of damage:

If the door closes automatically, drawers and telescopic rails which are pulled out may be damaged.

- Push the drawers all the way in before the door closes automatically.
- If drawer has been removed: Push the telescopic rails all the way in before the door closes automatically.

Symbols on the appliance:



This symbol may be located on the compressor. It relates to the oil in the compressor and makes reference to the risk that: Swallowing or inhaling can be fatal. This advice is only relevant to recycling. There is no danger in normal operation.



This symbol is located on the compressor and indicates the danger of flammable materials. Do not remove the sticker.



This or a similar sticker may be located on the rear of the appliance. It refers to the foam-padded panels in the door and/or the housing. This advice is only relevant to recycling. Do not remove the sticker.

Please note the warning messages and other specific advice in the other chapters:

⚠	DANGER	indicates an immediately hazardous situation which will lead to death or serious injuries if it is not avoided.
⚠	WARNING	indicates a hazardous situation which may lead to death or serious injuries if it is not avoided.
⚠	CAUTION	indicates a hazardous situation which may lead to minor or moderate injuries if it is not avoided.
	NOTICE	indicates a hazardous situation which may lead to damage to property if it is not avoided.
	Note	indicates useful instructions and tips.

3 Putting into operation

3.1 Switching on appliance

Ensure that the following conditions are met:

- ❑ Appliance is installed and connected according to installation instructions.
- ❑ All adhesive strips, adhesive and protective films as well as transport safety devices in and on the appliance are removed.
- ❑ All marketing leaflets are removed from the drawers.

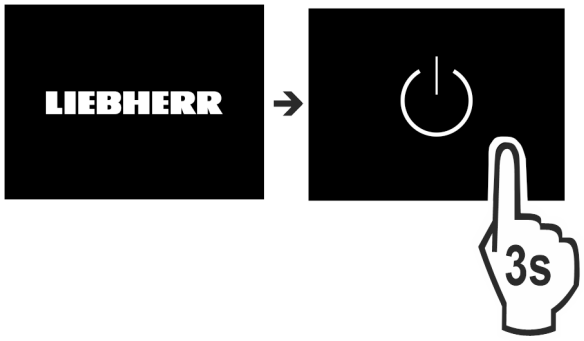


Fig. 3

▶ Switch on the appliance using the display.

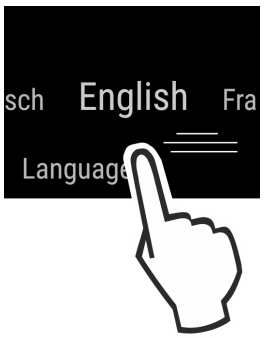


Fig. 4

▶ Select the language.

▷ Auto Door The AutoDoor function appears automatically.



Fig. 5

▶ Activate AutoDoor. (see AutoDoor)

-or-

▶ Do not activate AutoDoor.

▷ The status display appears.

Note

If you do not activate AutoDoor, you can always open or close the door manually.

The appliance starts in DemoMode:

If the appliance starts in DemoMode, you can deactivate DemoMode within the next 5 minutes.

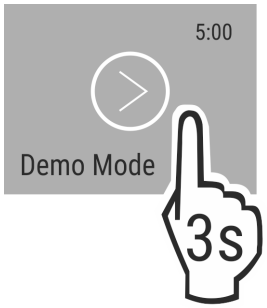


Fig. 6

▶ Press DemoMode for 3 seconds.

▷ DemoMode is deactivated.

Note

The manufacturer recommends:

▶ Place the food inside: Wait for around 6 hours until the set temperature is reached.

▶ **Store frozen foods** at -18 °C or colder.*

3.2 Inserting the components

▶ Insert the supplied components to make the most of your appliance.

▶ Install the SmartDevice app (see apps.home.liebherr.com).

▶ Insert the water tank (see 8.2.2 Inserting the water tank) .*

▶ Insert the water filter (see 8.3.2 Inserting the water filter) .*

▶ Insert the drip tray (see 8.2.3 Removing / inserting the drip tray) .*

Note
You can purchase accessories from the Liebherr household appliance store (home.liebherr.com).

4 Foods management

4.1 Storing food

WARNING
Risk of fire
▶ Do not use any electrical appliances in the food area of the appliance unless recommended by the manufacturer.

Note
The energy consumption increases and the cooling power goes down if ventilation is not sufficient.
▶ Always keep air slots clear.

When storing food, always observe the following:
❑ Air vents on the inside rear wall are unobstructed.
❑ Air vents on the fan are unobstructed.
❑ Food is in sealed packaging.
❑ Foods that easily absorb or give off smell or taste are stored in sealed containers or covered.
❑ Raw meat and fish are in clean, sealed containers to prevent them coming into contact with or dripping onto other foods.
❑ Liquids are in sealed containers.
❑ Foods are not stored too closely together, as the air needs to circulate.

Note
Failure to follow these guidelines can lead to food perishing.

4.1.1 Fridge section

The natural air circulation creates a range of temperatures.

Arrange your food as follows:
▶ In the top section and in the door: butter and cheese, preserves and tubes.
▶ In the coldest zone *Fig. 1 (C)*: easily perishable food such as prepared meals.

4.1.2 BioFresh

BioFresh helps certain fresh foods stay fresh for longer compared to conventional cooling methods.

In the case of foods with a minimum shelf life, the date indicated on the packaging still applies.

Note
If the temperatures drop below 0 °C foods may freeze to each other.
▶ Store cold-sensitive vegetables such as cucumbers, aubergines, courgettes, and cold-sensitive tropical fruit, in the fridge compartment.

Fruit & Vegetable-Safe

This provides a fresh storage climate with the lid closed. A moist climate is suitable for storing loose foods with a high moisture content (e.g. salad, vegetables, fruit).

The air moisture in the compartment depends on the moisture content of the items being stored and the number of times the door is opened. You can adjust the air moisture.

Arrange your food as follows:
▶ Store your loose fruit and vegetables.
▶ Excessive air moisture: Regulate the air humidity (see 7.11 Adjusting the moisture levels) .

Meat & Dairy-Safe

Here a relatively dry storage climate is set. A dry climate is great for dry or packaged foods (e.g. dairy products, meat, fish, sausage).

Arrange your food as follows:
▶ Place the dry or packaged foods inside.

4.1.3 Freezer compartment*

The air temperature can vary in the compartment when shown on a thermometer or other gauges. The temperature varies more when the compartment is half-full or empty and can rise to more than -18 °C.

Freezing food

You can freeze as many kilograms of fresh food within 24 hours as is indicated on the model plate .

So that the food is rapidly frozen through to the core, keep to the following quantities per pack:
- Fruit, vegetables up to 1 kg
- Meat up to 2.5 kg

Before freezing goods, please note the following:*
❑ For maximum freezing capacity: remove glass plate.

Arrange your food as follows:

CAUTION
Risk of injury from glass fragments!
Drink bottles and cans may explode if frozen. This applies particularly to carbonated drinks.
▶ Do not freeze bottles and cans of drink!

▶ Put the packaged food into the freezer compartment so that it is in contact with the floor or the side walls.

Defrost the food
- In the fridge
- In the microwave
- In the stove/oven
- At room temperature

WARNING
Risk of food poisoning!
▶ Do not re-freeze thawed food.

▶ Only take out the food you need at the time.
▶ Cook defrosted food as soon as possible.

4.2 Storage times

Refer to the specified storage times as a guide.

In the case of foods with a minimum shelf life, the date indicated on the packaging still applies.

4.2.1 Fridge section

Always follow the best-before date stated on the packaging.

4.2.2 BioFresh

Note
You can also use the guides in the BioFresh app https://home.liebherr.com/de/deu/service/apps/landingpage-apps-emea.html .

Recommended storage periods in the Meat & Dairy-Safe		
Butter	at 1 °C	up to 90 days
Hard cheese	at 1 °C	up to 110 days
Milk	at 1 °C	up to 12 days
Sausage, cold meats	at 1 °C	up to 8 days
Poultry	at 1 °C	up to 6 days
Pork	at 1 °C	up to 6 days
Beef	at 1 °C	up to 6 days
Game	at 1 °C	up to 6 days

Note

▶ Remember that high-protein foods perish quicker; shellfish and crustaceans do not last as long as fish, and fish does not last as long as meat.

Recommended storage periods in the Fruit & Vegetable-Safe		
Vegetables, salads		
Artichokes	at 1 °C	up to 14 days
Celery	at 1 °C	up to 28 days
Cauliflower	at 1 °C	up to 21 days
Broccoli	at 1 °C	up to 13 days
Chicory	at 1 °C	up to 27 days
Lettuce	at 1 °C	up to 19 days
Peas	at 1 °C	up to 14 days
Kale	at 1 °C	up to 14 days
Carrots	at 1 °C	up to 80 days
Garlic	at 1 °C	up to 160 days
Turnip	at 1 °C	up to 14 days
Lettuce	at 1 °C	up to 13 days
Herbs	at 1 °C	up to 13 days
Leeks	at 1 °C	up to 29 days
Mushrooms	at 1 °C	up to 7 days
Radishes	at 1 °C	up to 10 days
Brussels sprouts	at 1 °C	up to 20 days
Asparagus	at 1 °C	up to 18 days
Spinach	at 1 °C	up to 13 days
Savoy	at 1 °C	up to 20 days
Fruit		
Apricots	at 1 °C	up to 13 days
Apples	at 1 °C	up to 80 days
Pears	at 1 °C	up to 55 days
Blackberries	at 1 °C	up to 3 days
Dates	at 1 °C	up to 180 days
Strawberries	at 1 °C	up to 7 days
Figs	at 1 °C	up to 7 days
Blueberries	at 1 °C	up to 9 days
Raspberries	at 1 °C	up to 3 days

Recommended storage periods in the Fruit & Vegetable-Safe		
Currants	at 1 °C	up to 7 days
Sweet cherries	at 1 °C	up to 14 days
Kiwis	at 1 °C	up to 80 days
Peaches	at 1 °C	up to 13 days
Plums	at 1 °C	up to 20 days
Cranberries	at 1 °C	up to 60 days
Rhubarb	at 1 °C	up to 13 days
Gooseberries	at 1 °C	up to 13 days
Grapes	at 1 °C	up to 29 days

4.2.3 Freezer compartment*

Recommended shelf-lives for various types of food		
Ice cream	at -18 °C	2 to 6 months
Cold cuts, ham	at -18 °C	2 to 3 months
Bread, baked goods	at -18 °C	2 to 6 months
Game, pork	at -18 °C	6 to 9 months
Fatty fish	at -18 °C	2 to 6 months
Lean fish	at -18 °C	6 to 8 months
Cheese	at -18 °C	2 to 6 months
Poultry, beef	at -18 °C	6 to 12 months
Vegetables, fruit	at -18 °C	6 to 12 months

5 Saving energy

- Pay attention to good ventilation. Do not cover ventilation holes or grids.
- Always keep the fan air slits clear.
- Do not install the appliance in direct sunlight, next to an oven, radiator or similar.
- Energy consumption depends on the installation conditions, e.g. the ambient temperature (see 1.4 Appliance range of use) . A warmer ambient temperature can increase the energy consumption.
- Open the appliance for as short a time as possible.
- The lower the temperature is set the higher the energy consumption.
- Sort your food: home.liebherr.com/food.
- Keep all food properly packed and covered. This prevents frost from forming.
- Only take food out for as long as necessary so that it doesn't warm up too much.
- Inserting warm food: allow to cool down to room temperature first.
- Thaw frozen food in the refrigerator.*
- If there is a thick layer of frost in the appliance: defrost the appliance.*
- For longer periods of absence, use HolidayMode (see HolidayMode) .

6 Controls

6.1 Controls and displays

The display provides a quick overview of the temperature setting and the status of functions and settings. You

can control the functions and settings either by deactivating/activating them or by selecting a value.

6.1.1 Status display



Fig. 7

(1) Temperature display of the fridge section **(2)** Temperature display BioFresh

The Status display shows the set temperatures and is the home display. From there, you can navigate to the options and settings.

6.1.2 Navigation

Navigate in the menu to access the individual functions. An audible signal sounds after confirming a function or setting. If no selection is made after 10 seconds the display switches to the Status display.

The appliance is operated by swiping and confirming in the display:



Fig. 8

Back:

- Confirm your selection in the submenu. The display returns to the menu.
- . The display returns to the function/setting.

Back to Status display:

- Close and open the door.
- Wait 10 seconds. The display switches to the Status display.

6.1.3 Display symbols

Display symbols provide information on the current appliance status:

Symbol	Appliance status
	**Standby** The appliance or temperature zone is switched off.
	**Flashing number** Appliance is working. Temperature flashes until the set temperature is reached.
	

Symbol	Appliance status
	**Flashing symbol** Appliance is working. Setting is made.
	

6.2 Control concept

6.2.1 Activating/deactivating the function

You can activate/deactivate the following functions:

Symbol	Function
	SuperCool[x]
	PartyMode[x]
	HolidayMode
	EnergySaver
	HydroBreeze
	AutoDoor

[x] When function is on, the appliance works harder. This means appliance noise when operating may be louder for a short while, and more energy will be consumed.

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Function is on/off.

6.2.2 Selecting function value

With the following functions you can set a value in the submenu:

Symbol	Function
	Setting the temperature Switch the appliance on/off

▶ Swipe left in the display until the function appears.
▶ Confirm selected function with a short tap.
▶ Select the setting value by swiping the display.

Setting the temperature

▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ The display changes to blue when it is activated.
▷ Display switches back to the menu.

6.2.3 Activating/deactivating settings

You can activate/deactivate the following settings:

Symbol	Setting
	WiFi[1]

Symbol	Setting
	Entry lock[2]
	SabbathMode[2]
	Cleaning Mode[2]
	Reminders[1]
	Reset[2]
	Switch off [2]

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.

[1] **Activate setting (shortpress)**
▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Setting is on / off.

[2] **Activate setting (longpress)**
▶ Press the selection for 3 seconds to confirm.
▷ You hear the confirmation tone.
▷ Status appears in the menu.
▷ Display changes.

6.2.4 Selecting the setting value

With the following settings you can set a value in the submenu:

Symbol	Settings
	Brightness
	Door alarm
	Language

▶ Swipe left in the display until Settings appears.
▶ Tap to confirm settings.
▶ Swipe until you see the setting you want.
▶ Tap briefly to confirm.
▶ Select the desired setting value by swiping the display.
▶ Tap briefly to confirm.
▷ You hear the confirmation tone.
▷ Status appears briefly in the submenu.
▷ Display switches back to the menu.

6.2.5 Go to the Customer menu

You can see the following settings in the Customer menu:

Symbol	Function
B5	BioFresh B-Value [1]
C5*	C-Value [1]*
D1	D-Value [1]
Software	Software

▶ Swipe left in the display until the settings appear.
▶ Tap settings.
▷ The submenu appears.
▶ Swipe left in the display until the appliance information appears.
▶ Press for 3 seconds.
▷ The input menu for a numerical code appears.
▶ Enter the numerical code 151.
▷ The customer menu appears.
▶ Swipe left in the display until the desired setting appears.

[1] **Select the value**
▶ Confirm with a short tap.
▷ You hear the confirmation tone.
▷ Status appears briefly in the display.
▷ Display switches back to the menu.

[2] **Activate the setting**
▶ To confirm, press the display for 3 seconds.
▷ You hear the confirmation tone.
▷ Status appears on the display.
▷ The symbol flashes as long as the appliance is working.

6.3 Functions

Temperature

The temperature depends on the following factors:
- The amount of times the door is opened
- How long the door is open for
- The room temperature of the installation site
- The type, temperature and amount of food

Temperature zone	Recommended setting
Fridge section	5 °C
BioFresh	(see BioFresh B-Value)

Setting the temperature

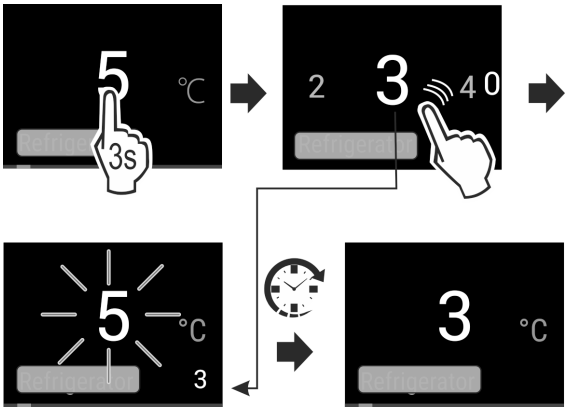


Fig. 9

*** Depending on model and options**

▶ Set the value. (see 6.2 Control concept) .
▷ Set temperature is shown at the bottom right of the display.

Setting the temperature in the BioFresh

You can set the temperature using the **BioFresh B-Value** in the customer menu. (see BioFresh B-Value)

SuperCool

This function selects the lowest cooling temperature. This gives you colder storage temperatures.

This function is relevant to the fridge section *Fig. 1 (A)*

You can also reach lower temperatures in the 4-star freezer.*

Use:

- Cool large amounts of food quickly.
- Freeze food.*

Activating/deactivating the function

▶ Using the 4-star freezer: activate the function 3 hours beforehand.*
▶ Using the fridge section: activate the function when you add the goods.
▶ Activating/deactivating (see 6.2 Control concept) .
-or-
▶ Activate/deactivate using the SmartDevice app.

The function automatically turns off. The appliance goes back to normal mode. The temperature adjusts itself to the set level.

PartyMode

This option offers an assortment of special functions and settings that are useful if you are having a party.

The following functions are on:

- *SuperCool*
- *InfinitySpring**

All the functions can be adjusted flexibly and separately. Changes are discarded when the function turns off.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
▷ On: All functions are activated at the same time.
▷ Deactivated: Previously set temperatures are restored.

After 24 hours the function turns off automatically.

HolidayMode

This function minimises the energy consumption during an extended absence. The temperature of the refrigerator compartment is set to 15 °C and this is displayed on the status screen when the temperature has been reached.

Use:

- Save energy if you plan to be away for a while.
- Avoid coming home to bad smells and mould.

Activating/deactivating the function

▶ Empty everything from the fridge section.
▶ Activating/deactivating (see 6.2 Control concept) .
▷ On: Fridge temperature is raised.
▷ Off: the previously set temperature is restored.

EnergySaver

This function reduces energy consumption. If you activate this function, the cooling temperature increases.

Temperature zone	Recommended setting	Temperature when EnergySaver activated
5 °C Fridge compartment	5 °C	7 °C

Use:

- Save energy.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
▷ Activated: Higher temperatures are set in all temperature zones.
▷ Deactivated: Previously set temperatures are restored.

HydroBreeze

HydroBreeze creates a fine mist in the drawer every 90 minutes for 4 seconds when the door is closed. This function is also activated when you open the door. The function is not activated when the appliance is delivered.

Use:

- For storing loose salad, vegetables and fruit with a high moisture content.

  Choose from these options:
  - 1: Duration of function while opening door 4 s
  - 2: Duration of function while opening door 6 s
  - 3: Duration of function while opening door 8 s
  - Off: HydroBreeze is off.

Activating/deactivating the function

▶ Activating/deactivating (see 6.2 Control concept) .
-or-
▶ Activating/deactivating in the Liebherr SmartDevice-App.

6.4 Settings

Language

This setting lets you choose the language of the display.

Choose from the following languages:

- German
- English
- French
- Spanish
- Italian
- Dutch
- Czech
- Polish
- Portuguese
- Russian
- Chinese

Activating/deactivating settings

▶ Activating/deactivating (see 6.2 Control concept) .

AutoDoor

With this function you can activate and configure AutoDoor when using the appliance for the first time or at a later time. If you have already activated and configured AutoDoor, you can deactivate AutoDoor with this function. You can also configure the door opening angle with this function.

If you activate AutoDoor, you can open the door in several different ways:

- by knocking
- by smartphone
- by voice command

Note
If you do not activate AutoDoor, you can always open or close the door manually.

Activating and configuring AutoDoor for the first time

You can activate and configure AutoDoor for the first time either directly when you **commission** the appliances or at a later time.

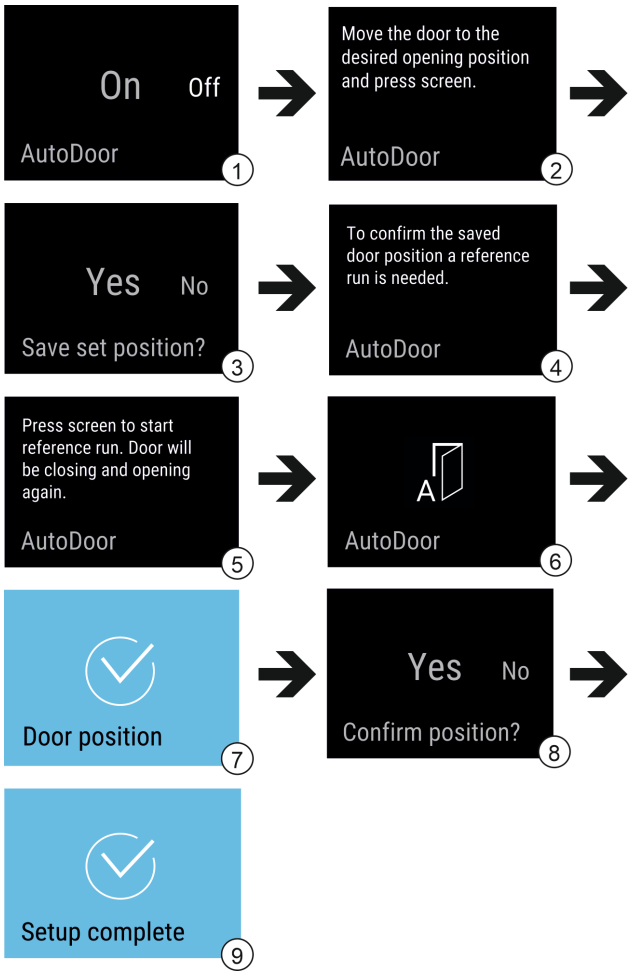


Fig. 10 Example displays in English

- ▶ To activate AutoDoor: Swipe On in the display. *Fig. 10 (1)*
- ▶ Press the display for 3 seconds. *Fig. 10 (1)*
- ▶ To configure the door opening angle: Open the door to at least 70°. *Fig. 10 (2)*
- ▶ Make sure the door does not touch any adjacent cabinets or walls.
- ▶ To confirm the door opening angle: Tap the message in the display. *Fig. 10 (3)*

CAUTION
Risk of injury from automatic opening and closing of the door!

- ▶ Keep the door opening area clear.
- ▶ Do not reach into the hinge with your hand.
- ▶ Do not block the door.

NOTICE
Damage to the drawers and telescopic rails from automatic closing of the door!

- ▶ Before the door closes: Push the drawers all the way in.
- ▶ Before the door closes and when drawer has been removed: Push the telescopic rails all the way in.



Fig. 11

- ▶ To start the reference run: Tap the display. *Fig. 10 (5)*
- ▷ The reference run starts.
- ▷ The display flashes. *Fig. 10 (6)*
- ▷ The reference run is successful: The display turns blue for 2 seconds. *Fig. 10 (7)*
- ▷ A confirmation signal sounds.
- ▶ Confirm the door opening angle. *Fig. 10 (8)*
- ▷ The display turns blue. *Fig. 10 (9)*
- ▷ A confirmation signal sounds.
- ▷ The set-up is complete.
- ▷ The door can be opened by knocking.

Deactivating and activating AutoDoor

You have already activated and configured AutoDoor. You want to deactivate and activate AutoDoor.

Deactivating AutoDoor

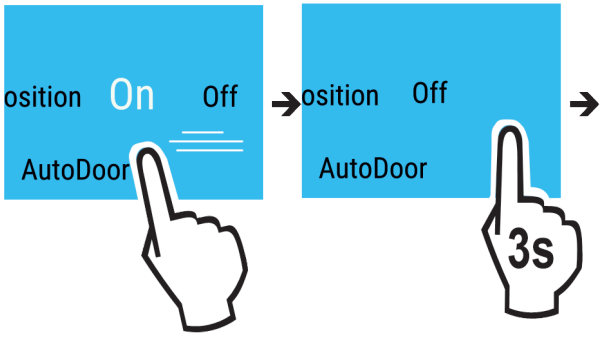


Fig. 12

- ▶ Select the AutoDoor function.
- ▶ Swipe Off in the display.
- ▶ Press the display for 3 seconds.
- ▷ AutoDoor is deactivated.
- ▷ The door can be opened manually.

*** Depending on model and options**

Activating AutoDoor

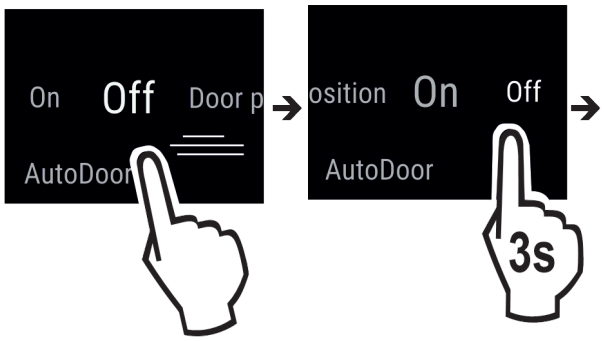


Fig. 13

- ▶ Select the AutoDoor function.
- ▶ Swipe ON in the display.
- ▶ Press the display for 3 seconds.
- ▷ AutoDoor is activated.
- ▷ The door can be opened by knocking.
- ▷ The door opening angle previously set is still stored.

Changing the door opening angle

You have already configured a door opening angle and want to change it.

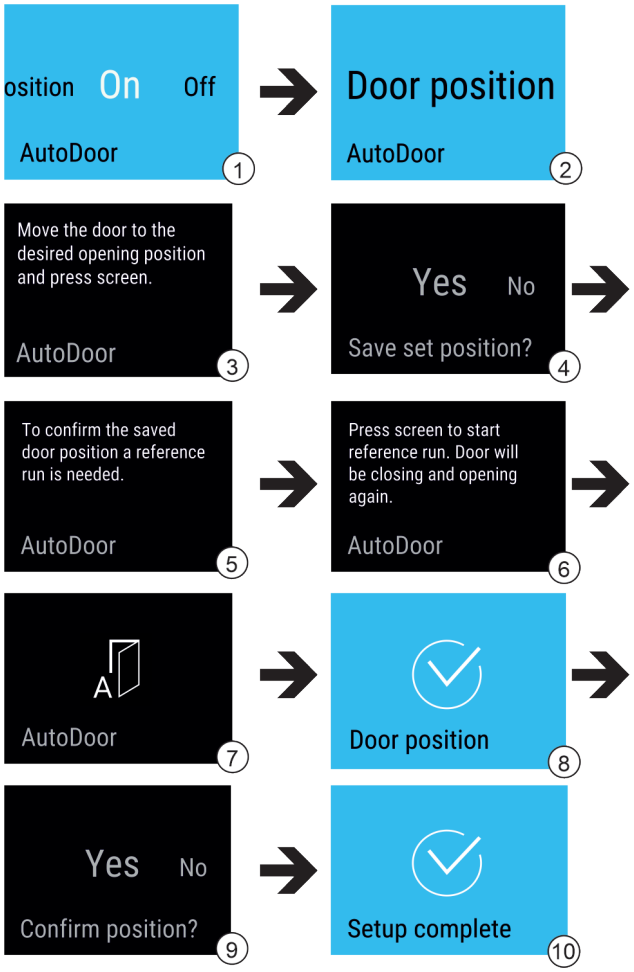


Fig. 14

- ▶ Select the AutoDoor function. *Fig. 14 (1)*
- ▶ Swipe the display until Door position appears. *Fig. 14 (2)*
- ▶ Anzeige antippen.
- ▶ To configure the door opening angle: Open the door to at least 70°. *Fig. 14 (3)*
- ▶ Make sure the door does not touch any adjacent cabinets or walls.
- ▶ To confirm the door opening angle: Tap the message in the display. *Fig. 14 (4)*

CAUTION

Risk of injury from automatic opening and closing of the door!

- ▶ Keep the door opening area clear.
- ▶ Do not reach into the hinge with your hand.
- ▶ Do not block the door.

NOTICE

Damage to the drawers and telescopic rails from automatic closing of the door!

- ▶ Before the door closes: Push the drawers all the way in.
- ▶ Before the door closes and when drawer has been removed: Push the telescopic rails all the way in.



Fig. 15

- ▶ To start the reference run: Tap the display. *Fig. 14 (6)*
- ▷ The reference run starts.
- ▷ The display flashes. *Fig. 14 (7)*
- ▷ The reference run is successful: The display turns blue for 2 seconds. *Fig. 14 (8)*
- ▷ A confirmation signal sounds.
- ▶ Confirm the door opening angle. *Fig. 14 (9)*
- ▷ The display turns blue. *Fig. 14 (10)*
- ▷ A confirmation signal sounds.
- ▷ The door opening angle is configured.

Using AutoDoor with a smartphone

You want to use a smartphone to open and close the door.

- ▶ Activate and configure AutoDoor. (see Activating and configuring AutoDoor for the first time)
- ▶ Install the SmartDevice app on the smartphone.
- ▶ Establish a WiFi connection to the appliance. (see Connecting to the WLAN)
- ▶ Register the appliance in the SmartDevice app: Follow the instructions in the SmartDevice app.
- ▷ The door can be opened by smartphone in addition to knocking.

Using AutoDoor with voice control

You want to use a voice command to open and close the door.

- ▶ Activate and configure AutoDoor. (see Activating and configuring AutoDoor for the first time)
- ▶ Install the SmartDevice app on the smartphone.
- ▶ Establish a WiFi connection to the appliance. (see Connecting to the WLAN)

▶ Register the appliance in the SmartDevice app: Follow the instructions in the SmartDevice app.
▶ Install the voice assistant.
▷ The door can be opened by voice command in addition to knocking.

You can find detailed information and tutorials at:
home.liebherr.com/faq-autodoor

Connecting to the WLAN

This setting connects the appliance to the internet. The connection is managed in the SmartDevice-Box. You can use the SmartDevice-App to add your appliance to a SmartHome-System. Use the SmartDevice-App or other compatible partner networks to enjoy advanced options and settings.

Note
The SmartDevice-Box is available from the Liebherr Domestic Appliances Shop (https://home.liebherr.com/shop/de/deu/smartdevicebox.html).

You can find more information about the availability, prerequisites and the individual options on the Internet under https://smartdevice.liebherr.com/install.

Use:
- Manage the appliance with the SmartDevice-App or a compatible partner network.
- Enjoy advanced functions and settings.
- Check the current status of the appliance in the SmartDevice-App.

❑ The SmartDevice app is installed (see https://apps.home.liebherr.com/).

Setting up the connection

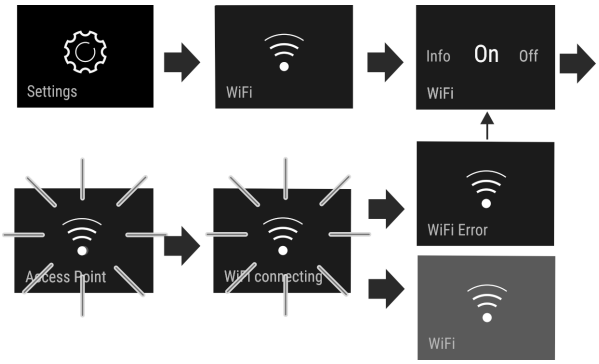


Fig. 16

▶ Activating the setting (see 6.2 Control concept) .
▷ The connection is set up: Connecting appears. The symbol flashes.
▷ The connection is set up: WiFi appears, the display turns blue.
▷ The connection failed: WiFi Error appears.

Disconnecting the appliance

▶ Deactivate the setting (see 6.2 Control concept) .

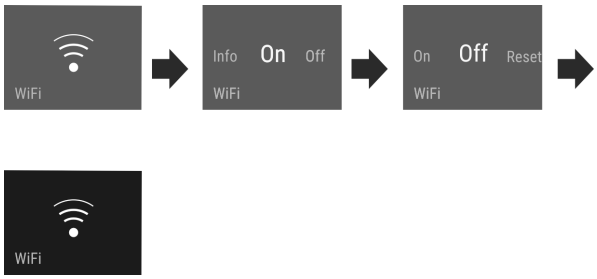


Fig. 17

▷ There is no connection: The symbol is displayed constantly.

Restoring the connection

▶ Restore settings (see 6.2 Control concept) .

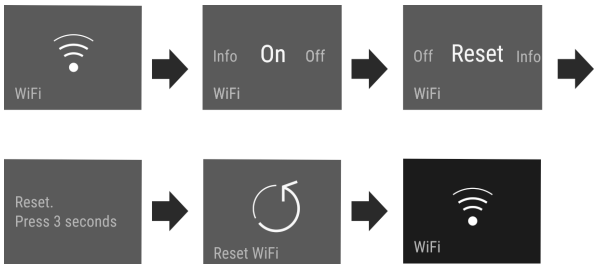


Fig. 18

▷ Connection and other settings are restored to factory settings.

Entry lock

This setting prevents unintentional use of the appliance, e.g. by children.

Use:
- Avoid settings being changed unintentionally.
- Avoid the appliance being switched off unintentionally.
- Avoid the temperature being changed unintentionally.

Activating/deactivating settings

▶ Activating/deactivating. (see 6.2 Control concept)



Display brightness

Set the brightness level of the display.

You can set the following brightness levels:
- 40%
- 60%
- 80%
- 100%

Choose the setting

▶ Set the level (see 6.2 Control concept) .

Door alarm

Set the time before the door alarm (see Close the door) sounds.

The options are as follows:
- 1 min
- 2 min
- 3 min
- Off

Choose the setting

▶ Set the time (see 6.5 Fault messages) .

Info

This setting allows the appliance information to be read out as well as access to the customer menu.

It provides the following information:
- Model name
- Index
- Serial number
- Service number

Show appliance data

▶ Swipe in the display until Settings appears.
▶ Confirm the display.
▶ Swipe in the display until About appears.
▶ Read the appliance info.

SabbathMode

This setting meets the religious requirements on the Sabbath and Jewish festivals. Turn on SabbathMode to switch off certain controls. This means you can use the appliance without anyone changing the settings.

You can find a list of Star-K-certified appliances at www.star-k.org/appliances.

This appliance has certification from the “Institute for Science and Halacha”.

WARNING

Danger of food poisoning.
If there is a power cut while the appliance is in SabbathMode, this message is not saved. Once power is restored, the appliance continues in SabbathMode. When this mode is over no message about the power cut is displayed on the temperature display.
If there was a power cut during SabbathMode:
▶ Check the food for quality. Do not eat the food if it has thawed.

What the appliance does in SabbathMode:
- The Status display continuously shows SabbathMode.
- The display is locked for all functions apart from deactivating SabbathMode.
- Any functions/settings that are already on, remain active.
- The display stays bright when the door is closed.
- Reminders are disabled. The set time intervals are also paused. This function is disabled in SabbathMode.
- Reminders and warnings are not displayed. There are no acoustic signals, and the display does not show warnings or settings such as temperature alarm or door alarm.
- The InfinitySpring is out of use.*
- The internal light is off.
- The defrost cycle only works for the specified time without taking account of fridge use.
- After a power cut the appliance automatically returns to SabbathMode.

Activating/deactivating SabbathMode

▶ To activate this function, swipe the display until you see Settings in the menu and press for 1 second. The menu changes to show the available settings.
▶ Swipe the display until you see the SabbathMode (Menora) symbol. Press the symbol for 3 seconds.
▷ The display changes colour.
▷ SabbathMode is activated.

To deactivate the function, press the display for 3 seconds.

SabbathMode is deactivated.

CleaningMode

Use this setting to easily clean the appliance.

This setting refers to the fridge section *Fig. 1 (A)*.

Use:
- Clean the fridge section by hand.
- Clean the InfinitySpring.*

What happens on the appliance when this setting is on:
- The display permanently shows: CleaningMode.
- The fridge section is switched off.
- The internal light is on.
- Reminders and warnings are not shown. There is no acoustic signal.
- The InfinitySpring is out of use.*

Activating/deactivating settings

▶ Activating/deactivating the setting (see 6.2 Control concept) .
▷ On: fridge section is off. Light stays on.
▷ Off: preset temperature is restored.

After 60 min the setting turns off automatically. The appliance then continues running in normal mode.

B5 BioFresh B-Value

When delivered, the temperature in the BioFresh compartment is set to **B5**. The status indicator on the display shows the appropriate target temperature in the BioFresh.

You can change this value slightly if a higher or lower ambient temperature makes it necessary. When setting the value, note:

Value	Description
B1	Lowest temperature
B1-B4	The temperature can drop to under 0 °C, so food can freeze easily.
B5	Default temperature
B9	Highest temperature

BioFresh B-Value

Choose the setting

▶ Set the size in the Customer menu (see 6.2 Control concept) .

C5 C-Value*

The *C-Value* enables the 4-star freezer compartment to be set to a slightly warmer or colder temperature.*

The *C-Value* is set to **C5** by default.*

The 4-star freezer compartment becomes colder if the value is set to less than **C5**. The 4-star freezer compartment becomes warmer if the value is set to more than **C5**.*

Selecting the setting value*

▶ Set value in customer menu (see 6.2 Control concept) .

D1 D-Value

The *D-Value* is preset for your appliance and may not be changed.

Reminder

Reminders are given out acoustically by a beep and visually by a symbol in the display. The signal gets louder until the alert stops.

Replace water filter*

This message appears when the water filter needs replacing.
▶ Replace the water filter every 6 months.
▶ Confirm the message with OK.
▷ The service interval resets.
▷ The water filter guarantees the best water quality.

Replace FreshAir active carbon filter

This message appears when the air filter needs replacing.
▶ Change the air filter every six months.
▶ Confirm the message with OK.
▷ The service interval resets.
▷ The air filter guarantees the air quality in the fridge.

Activating the setting

▶ Activating/deactivating (see 6.2 Control concept) .

Reset

This function resets all settings to the factory settings. All settings that you have made thus far will be reset to their original values.

Activating the setting

▶ Activate (see 6.2 Control concept) .

Turn off appliance

This setting turns off the whole appliance.

Switching off the entire appliance

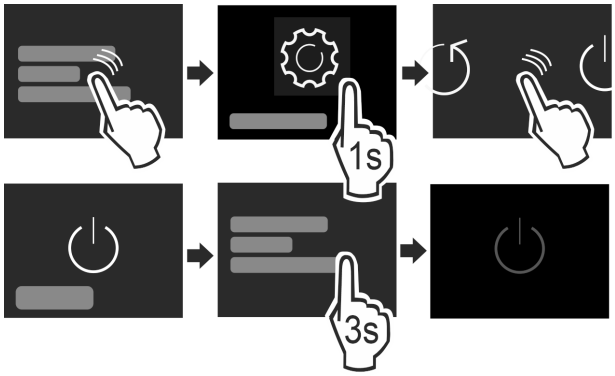


Fig. 19

▶ Activating/deactivating (see 6.2 Control concept) .

▷ Off: Display goes black.

6.5 Fault messages

Fault messages appear in the display. There are two categories of fault message:

Category	Meaning
Message	Reminder of general procedures. You can carry out these procedures to eliminate the message.
Warning	Appears when there are malfunctions. A signal sounds in addition to the display. The signal becomes louder until you acknowledge by tapping the display. You can eliminate simple defects yourself. For more serious defects, you must contact customer service.

6.5.1 Warnings

Close the door

This message appears if the door is open for too long.

You can set how long it takes for this message to appear .
▶ Stop alarm: Confirm the message.
-or-
▶ Close the door.

Error

This message appears if there is a fault with the appliance. An appliance component indicates a fault.
▶ Open the door.
▶ Note down the fault code.
▶ Confirm the message.
▷ The signal tone stops.
▷ The status display appears.
▶ Close the door.
▶ Contact customer service. (see 9.4 Customer Services)

AutoDoor

The AutoDoor warning appears in the display:

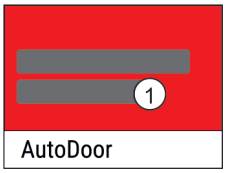


Fig. 20

(1) Warning in the display

Warning in the display	Remedy
AutoDoor has been stopped.	Remove obstacle.
Position could not be saved.	The door opening angle must be more than 70°. (see Changing the door opening angle)
Reference run was not successful.	The reference run must be repeated.
Motor is cooling down. Active again shortly.	Close the door manually.

*** Depending on model and options**

6.5.2 Message



AutoDoor closing soon

This message appears if the door is open for too long. The door closes automatically after 10 seconds. At the same time, the display pulsates and a signal sounds.

If you need more time before it closes:

▶ Tap the display.
▷ Automatic door closing is interrupted.
▷ The status display appears.
▷ The light stops pulsating.
▷ The door alarm is active.
▷ When the counter runs out: The display pulsates again.
▷ The signal sounds.
▷ The door is automatically closed.

6.5.3 DemoMode

If “D” appears on the display, demo mode is on. This option is designed for retailers, as it turns off all the cooling functions.

Stopping DemoMode

If you see the following running in the display:

▶ Confirm the display within the countdown.
▷ DemoMode is off.

If the timer is not running:

▶ Unplug the appliance.
▶ Plug the appliance in again.
▷ DemoMode is off.

7 Features

7.1 4-star freezer compartment*

7.1.1 Opening/closing the freezer compartment

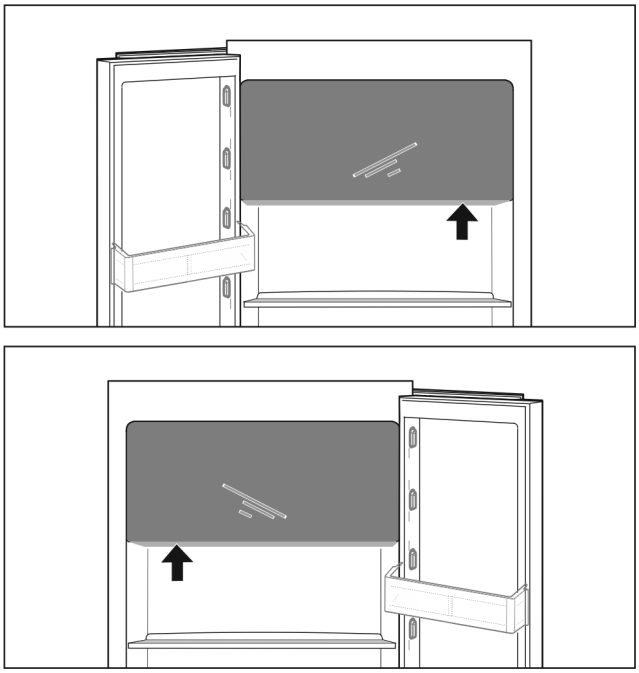


Fig. 21

Opening the freezer compartment:

▶ Reach into the handle area from below.
▶ Push the handle plate while pulling the door towards you.

Closing the freezer compartment:

▶ Close the door while pushing from the front.
▷ Door is engaged.

7.2 Door rack

7.2.1 Move/remove the door rack

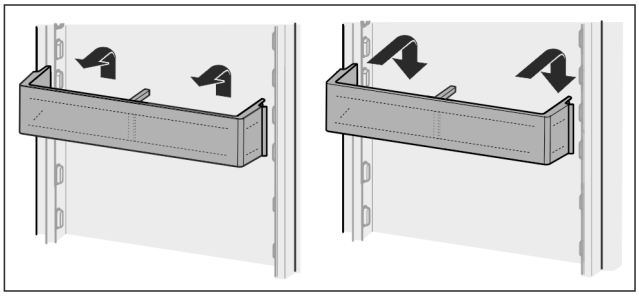


Fig. 22

▶ Slide the rack upwards.
▶ Pull forwards.
▶ Re-insert it in reverse order.

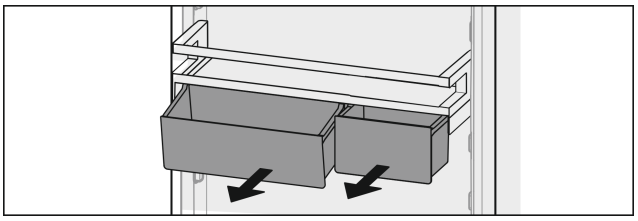


Fig. 23

You can use just one or both VarioBoxes. To store oversized bottles, just suspend one box over the bottle rack.

Move the VarioBox shelf:

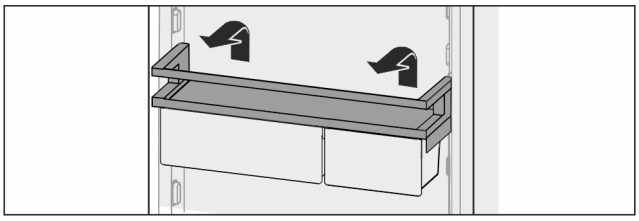


Fig. 24

▶ Pull it up and out.
▶ Put it back in at any position.
▷ In front of 4-star freezer: Optimum air flow in the appliance is no longer guaranteed. Condensate may form on the freezer compartment.*

Note

Liebherr recommends the following:*

▶ Put the VarioBox shelf in its default position, anywhere below the 4-star freezer. This will provide the best air flow in the fridge section.*

Moving the VarioBoxes:

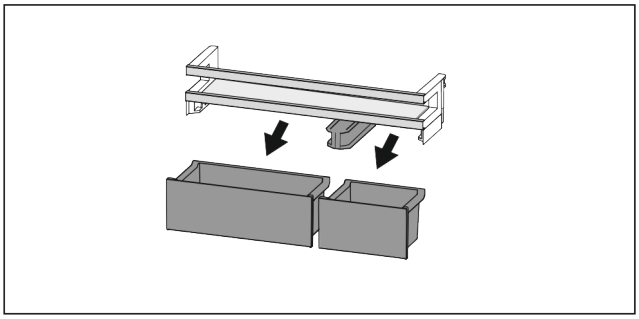


Fig. 25

If the door rack is removed:

▶ Remove containers.

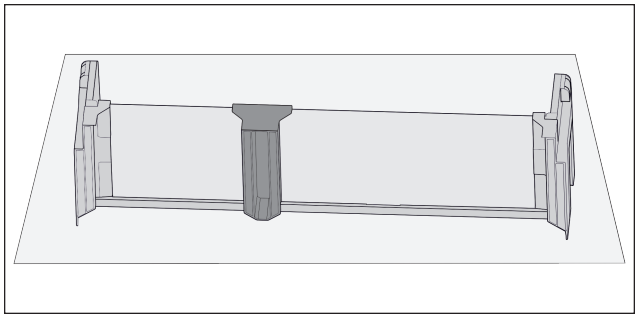


Fig. 26

▶ Place the shelf on the table.

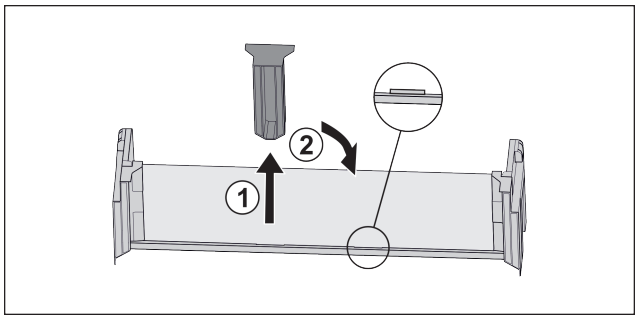


Fig. 27

▶ Pull off the middle holder *Fig. 27 (1)*.
▶ Insert the middle holder in the second position *Fig. 27 (2)*.

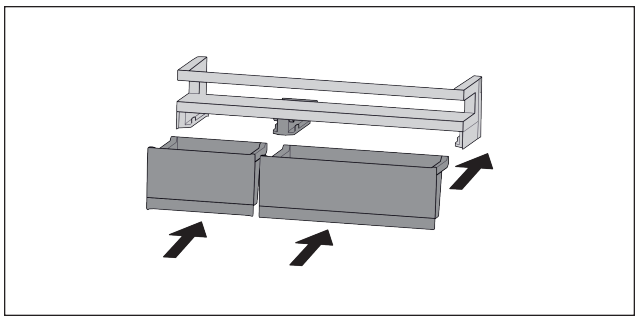


Fig. 28

▶ Replace containers.

7.2.2 Disassembling the door rack

The door rack can be taken apart for cleaning.

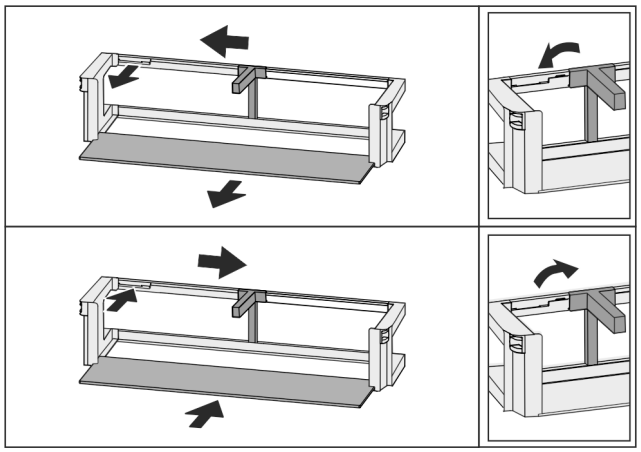


Fig. 29

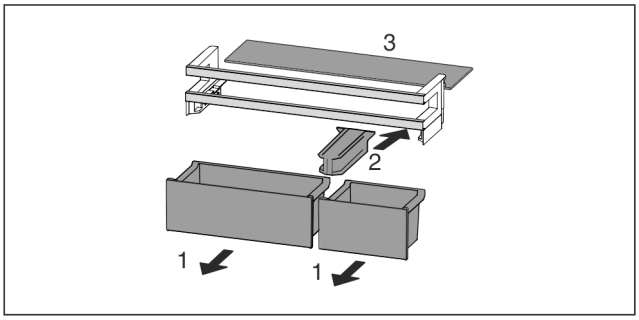


Fig. 30

▶ Disassemble the door rack.

7.3 Shelves

7.3.1 Adjusting/removing the shelves

The shelves are prevented from being pulled out accidentally by pull out stops.

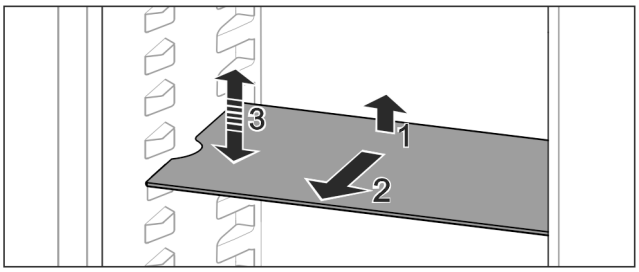


Fig. 31

▶ Lift the shelf and pull forward.
▷ Line up the side runner.
▶ Adjust the height of the shelf: Lift or lower it to the desired height and slide it in.

-or-

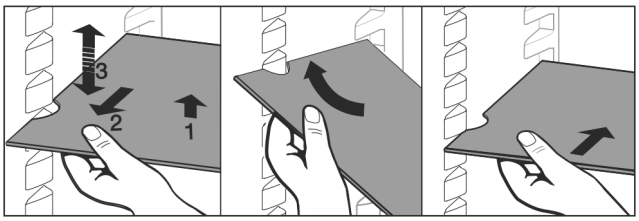


Fig. 32

▶ Remove the shelf completely: Pull it out to the front.

▶ Easier removal: Set the shelf at an angle.
▶ Insert the shelf again: Slide it in all the way.
▷ The pull-out stoppers point downwards.
▷ The pull-out stoppers are behind the front support.

7.4 Dividing shelf

7.4.1 Using the dividing shelf

The shelves are prevented from being pulled out accidentally by pull out stops.

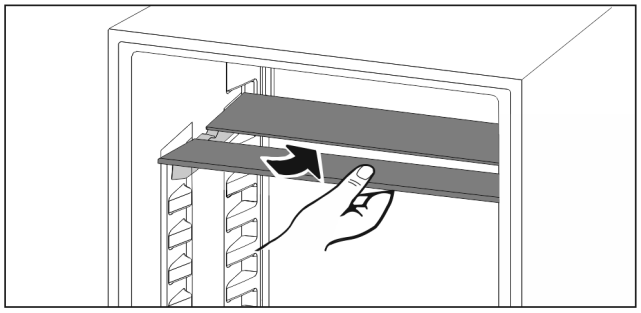


Fig. 33

▶ Push the dividing shelf underneath as shown.

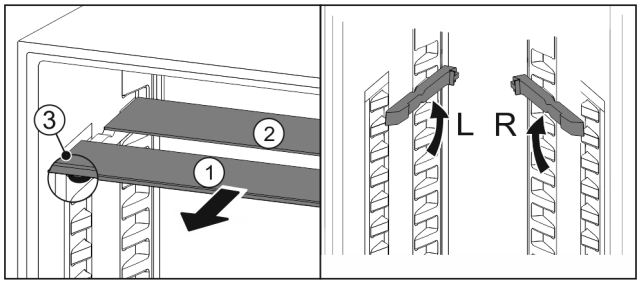


Fig. 34

Adjusting the height:

▶ Pull the glass panels out *Fig. 34 (1)* from the front, one at a time.
▶ Release the support rails and click in at the height you want.
▶ Slide in the glass panels one at a time.
▷ Flat pull-out stoppers at the front, right behind the support rails.
▷ High pull-out stoppers at the back.

Using both shelves:

▶ Hold the glass panel with one hand and pull it to the front.
▷ The glass panel *Fig. 34 (1)* and trim strip are at the front.
▷ The stops *Fig. 34 (3)* point down.
Appliances with freezer compartment:*
▶ Do not place the support rails and dividing shelf in front of the fan.*

7.5 VarioSafe

The VarioSafe provides space for compact foodstuffs and packages, pots and glasses.

7.5.1 Using the VarioSafe

You can remove the drawer and slide it back in at 2 different heights. This is handy for storing taller items in the drawer.

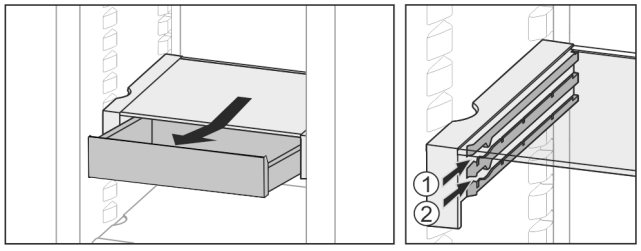


Fig. 35

▶ Remove the drawer.
▶ Slide back at the height you want *Fig. 35 (1)* or *Fig. 35 (2)*.

7.5.2 Repositioning the VarioSafe

You can shift the height of the entire VarioSafe.

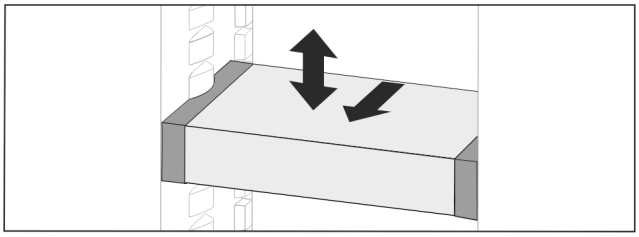


Fig. 36

▶ Pull forwards.
▷ Line up the side runner.
▶ Lift or lower to the height you want.
▶ Slide to the rear.

7.5.3 Removing the entire VarioSafe

You can remove VarioSafe as a whole unit.

▶ Pull forwards.
▷ Line up the side runner.

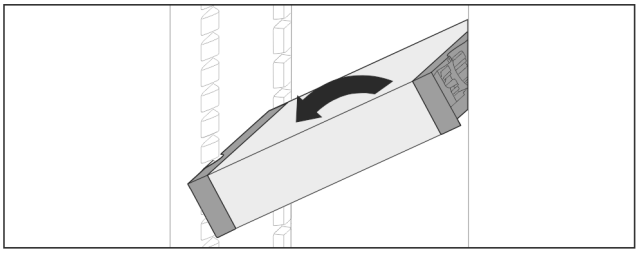


Fig. 37

▶ Tip to the side and pull towards you.

7.5.4 Disassembling the VarioSafe

You can take the VarioSafe apart for cleaning.

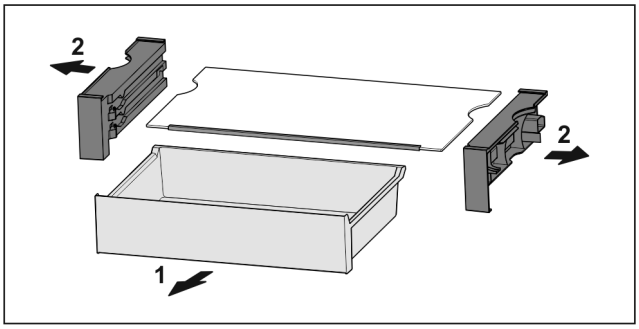


Fig. 38

▶ Disassembling the VarioSafe

7.6 InfinitySpring*

The built-in water dispenser is great for drinking water. The water temperature depends on the temperature in the fridge.

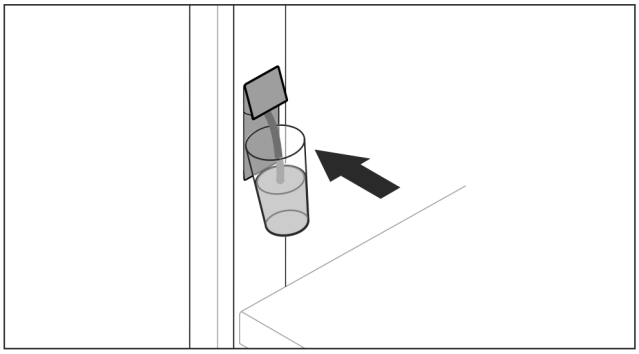


Fig. 39

▶ Push the glass against the bottom pushbutton of the dispenser.
▷ Pouring unit moves out: Water flows into the glass.
▶ Avoid spillages: Remove your cup slowly.
For more water:
▶ If the water flow stops, remove the water tank and push your container against the bottom pushbutton of the dispenser again.

7.7 Space for baking tray

There is space for a baking tray *Fig. 1 (9)* above the drawers.

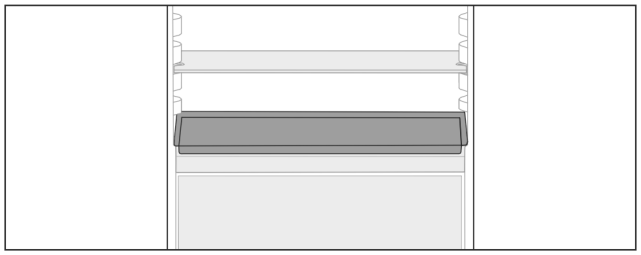


Fig. 40

Ensure that the following conditions are met:

❑ Max. baking tray dimensions are adhered to (see 9.1 Technical specifications) .
❑ Baking tray is cooled to room temperature.
❑ The lowest door rack is set at least one position higher.

With the door open to 90°:
▶ Slide the baking tray onto the lower side runners.
-or-
If baking tray is uneven:
▶ Use the supplied support rails.

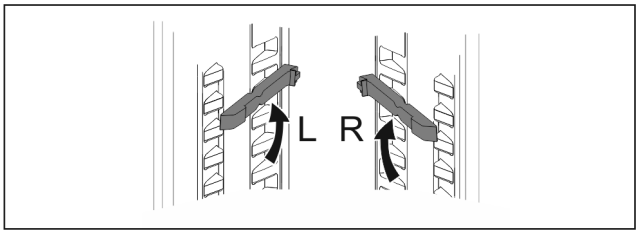


Fig. 41

▶ Snap support rails into the lowest runners.
With the door open to 90°:
▶ Slide the baking tray in on the support rails.

7.8 Adjustable bottle shelf

7.8.1 Using the bottle shelf

In the bottom of the fridge section you can either use the variable bottle shelf or the glass panel.

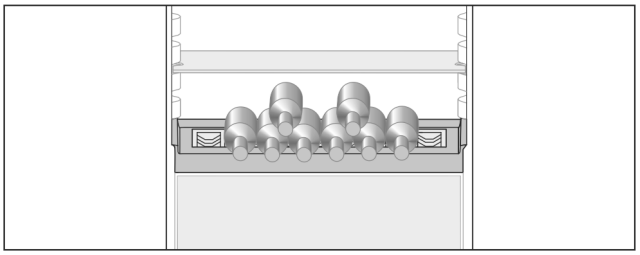


Fig. 42

▶ Remove the glass panel and store in a safe place.
▶ Lay bottles with their base towards the rear wall.

Note
If the bottles are protruding over the front of the bottle shelf:
▶ Move the lower door rack up a place.

7.8.2 Removing the bottle shelf

You can remove the bottle shelf for cleaning.
▶ Remove the glass panel above the bottle shelf.

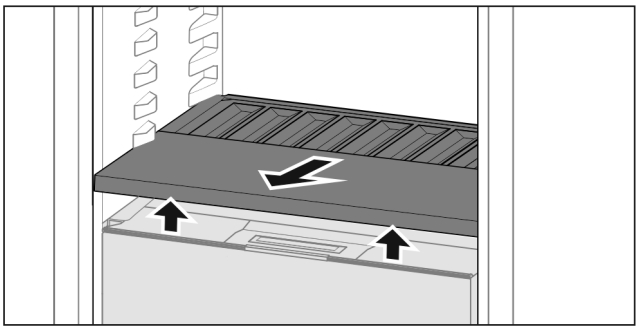


Fig. 43

▶ Lift the bottle shelf at the front and pull out.

Note
Liebherr recommends the following:
Do not place any goods on the drawer cover below.

7.8.3 Inserting the bottle shelf

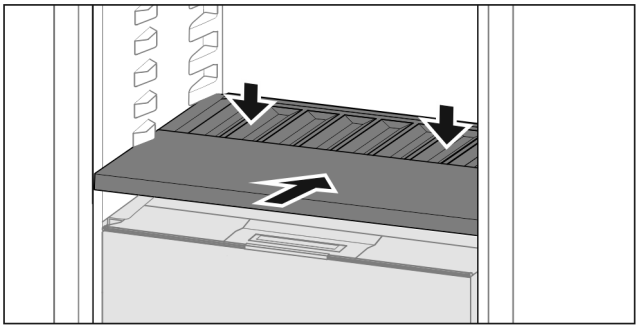


Fig. 44

▶ Slide in the bottle shelf until it engages and push down.
▷ The lugs at the back of the bottle shelf are connected automatically.
▷ LED comes on.

7.9 Drawers

You can remove the drawers for cleaning.

The way to remove/insert the drawers varies depending on the pull-out system. Your appliance can contain various pull-out systems.

Note
The energy consumption increases and the cooling power goes down if ventilation is not sufficient.
▶ Always leave the fan air vents clear on the back wall!

7.9.1 Drawer on telescopic rails

The drawer runs on extendible rails (telescopic rails). There are fully extendible telescopic rails and telescopic rails with partial pull-out. Drawers which are fully extendible can be pulled out fully from the appliance. Drawers with partial pull-out cannot be removed fully from the appliance. The system in your appliance depends on the type of appliance.

Fully extendible*

If you have fully extendible rails, there is a clamp located at the back on the left and right of the rail.

Removing drawer

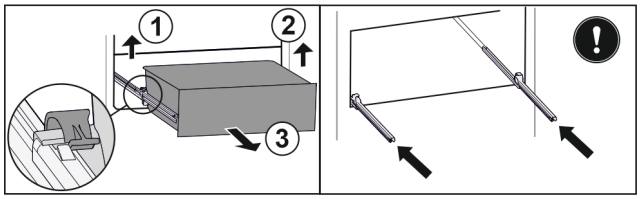


Fig. 45

- ▶ Pull out drawer as far as it will go.
- ▶ Lift left clamp and simultaneously pull drawer forwards on the left. *Fig. 45 (1)*
- ▶ Lift right clamp and simultaneously pull drawer forwards on the right. *Fig. 45 (2)*
- ▶ Remove drawer to the front. *Fig. 45 (3)*
- ▶ Slide rails in.

Inserting drawer

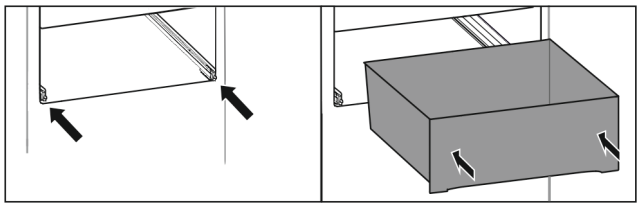


Fig. 46

- ▶ Slide rails in.
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.
- ▷ Drawer latches in audibly at the back.

Partial pull-out fridge compartment*

Removing drawer

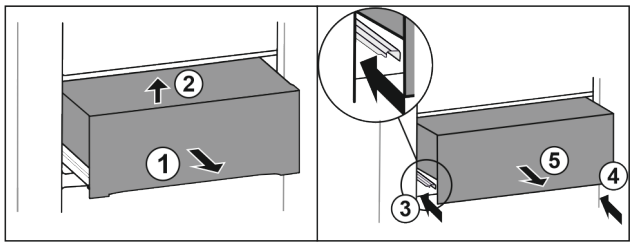


Fig. 47

- ▶ Pull out drawer half-way. *Fig. 47 (1)*
- ▶ Lift up drawer at the front. *Fig. 47 (2)*
- ▶ Insert left rail. *Fig. 47 (3)*
- ▶ Insert right rail. *Fig. 47 (4)*
- ▶ Remove drawer to the front. *Fig. 47 (5)*

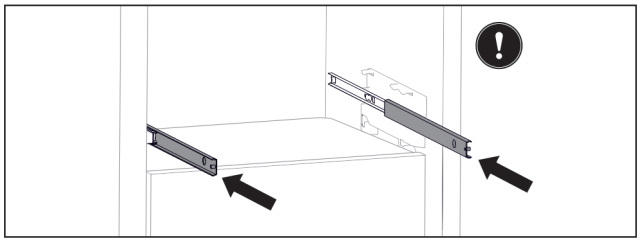


Fig. 48

If the rails are not yet fully inserted after removing the drawer:

- ▶ Push rails in completely.

Inserting drawer

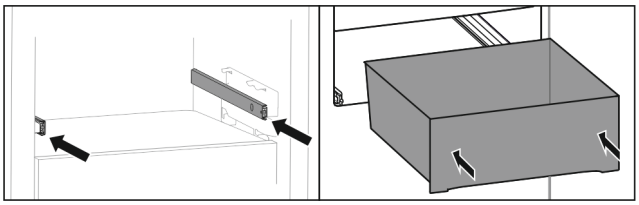


Fig. 49

- ▶ Slide rails in.
- ▶ Place drawer on rails.
- ▶ Slide in drawer to the back.

7.10 Fruit & Vegetable safe cover

You can remove the compartment cover for cleaning.

7.10.1 Removing the compartment cover

Ensure that the following conditions are met:

- ❑ Bottle shelf is removed (see 7.8 Adjustable bottle shelf) .

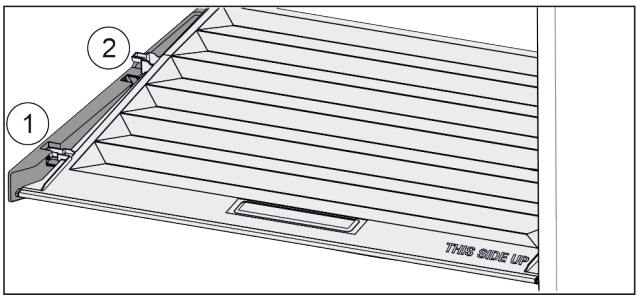


Fig. 50

When the drawers are removed:

- ▶ Pull the lid up at the front to the opening in the retaining parts *Fig. 50 (1)*.
- ▶ Lift from the back and pull it up and out *Fig. 50 (2)*.

7.10.2 Inserting the compartment cover

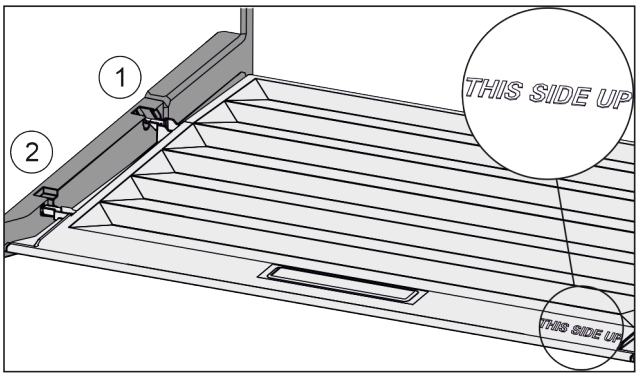


Fig. 51

If the text THIS SIDE UP points upwards:

- ▶ Insert the lip of the cover over the opening of the rear bracket *Fig. 51 (1)* and click into place *Fig. 51 (2)*.
- ▶ Position the cover where you want it (see 7.11 Adjusting the moisture levels) .

7.11 Adjusting the moisture levels

You can adjust the moisture in the drawer yourself by adjusting the compartment cover.

The compartment lid is attached to the drawer and can be hidden by a shelf or additional drawers.

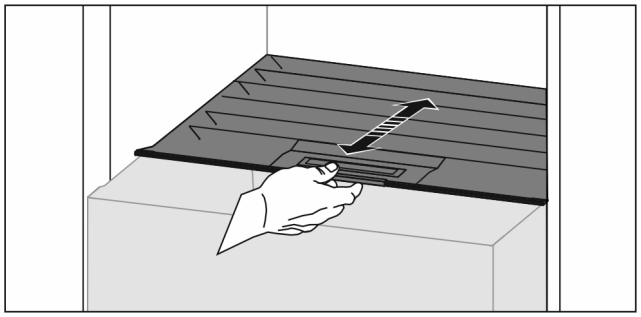


Fig. 52

Low air humidity

▶ Open the drawer.
▶ Slide the compartment cover forwards.
▷ With the drawer closed: Gap between the cover and the compartment.
▶ Switch off HydroBreeze.
▷ The air moisture in the Safe decreases.

High air moisture

▶ Open the drawer.
▶ Slide the cover back.
▷ With the drawer closed: The cover seals the compartment.
▶ Activate the HydroBreeze.
▷ The air moisture in the Safe increases.
If there is too much moisture in the compartment:
▶ Choose the setting “low air moisture”.

-or-

▶ Remove any excess moisture with a cloth.

Note

You can apply the “low air moisture” setting to the Fruit & Vegetable-Safe and the Meat & Dairy-Safe.
▶ Set the “low air moisture” option.

7.12 HydroBreeze

HydroBreeze emits a mist over the refrigerated goods to provide moisture every time the door is opened.

The HydroBreeze and its water tank are located in the adjustable bottle shelf.

Ensure that the following conditions are met:

- The water tank is clean (see 8.7.3 Clean the components) .
- The water tank is properly engaged.
- Moisture is set to “high moisture” (see 7.11 Adjusting the moisture levels) .
- HydroBreeze is on (see HydroBreeze) .

7.12.1 Fill the water tank

WARNING
Unclean water!
Contaminants.
▶ Only fill with drinking water.
▶ The HydroBreeze is off: empty water tank.
▶ The HydroBreeze is no longer in use: empty water tank.

NOTICE
Sugar-content liquids!
Damage to HydroBreeze.
▶ Only fill with drinking water.

Note

Only use filtered, decarbonised water for the best quality drinking water and to make the HydroBreeze, work smoothly.
This water quality can be achieved using a table water filter of the kind available in trade retail outlets.
▶ Only ever fill the water tank with filtered, decarbonised drinking water.

The water tank is built into the adjustable bottle shelf (see 1.2 Overview of the appliance and equipment) .

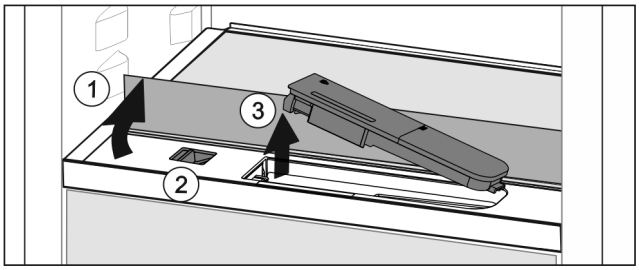


Fig. 53

▶ Press on the back-left corner of the front glass plate.
▷ The glass panel folds up at the front.
▶ Lift the glass panel and fold towards the rear until it clicks into place *Fig. 53 (1)*.
▷ Glass panel stands upright.
▶ Slide the slider *Fig. 53 (2)* to the left.
▷ The water tank jumps out of its recess.
▶ Remove the water tank *Fig. 53 (3)*.
▶ Cleaning the water tank (see 8.7.3 Clean the components) .
Square opening:
▶ Fill with drinking water up to the marker.
▶ Insert the water tank into the recess, bottom first.
▶ Slowly lower the front part and push the tank in.
▷ The water tank is clicked into place.

7.12.2 Dismantling the water tank

You can take the water tank apart for cleaning.

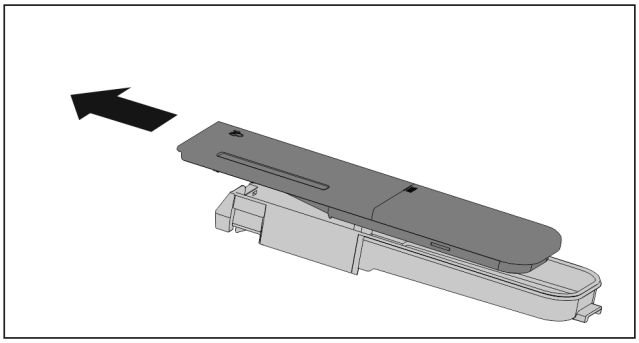


Fig. 54

▶ Dismantling the water tank.

7.13 Accessories

7.13.1 Butter dish

Opening/closing the butter dish

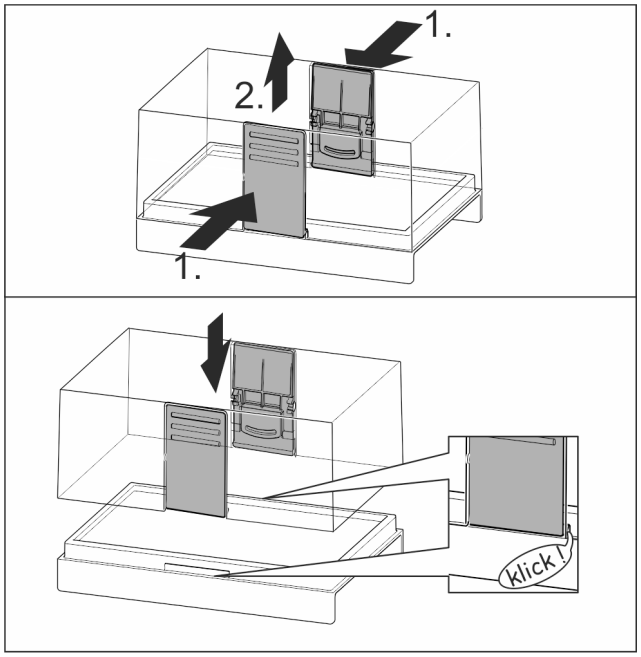


Fig. 55

Dismantling the butter dish

You can take the butter dish apart for cleaning.

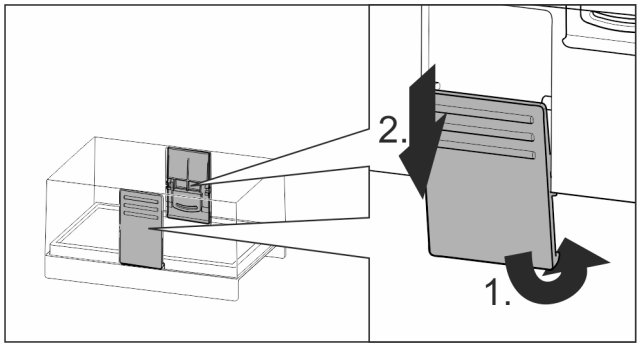


Fig. 56

▶ Disassembling the butter dish.

7.13.2 Egg rack

You can pull out and turn the egg rack. You can use both sides of the egg rack so you can label specifics like the purchase date.

Using the egg rack

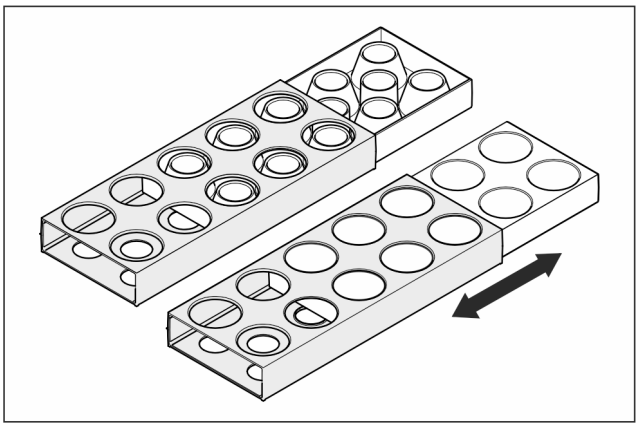


Fig. 57

▶ Top layer: for storing hen eggs.
▶ Bottom layer: for storing quail eggs.

7.13.3 Bottle holder

Using the bottle holder

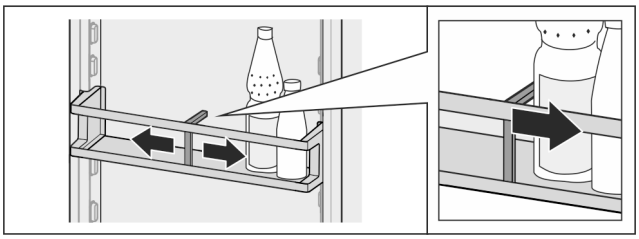


Fig. 58

▶ Push the bottle holder onto the bottles.
▷ The bottles are prevented from falling over.

Removing the bottle holder

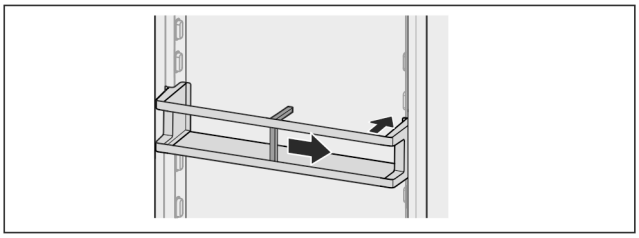


Fig. 59

▶ Move the bottle holder all the way to the right.
▶ Push the bottle holder to the back to remove.

7.13.4 FlexSystem

Using the FlexSystem

The FlexSystem helps you store and organise your food in a clear and flexible way. It lets you clearly divide your food into fruit, vegetables or by use-by dates, for example.

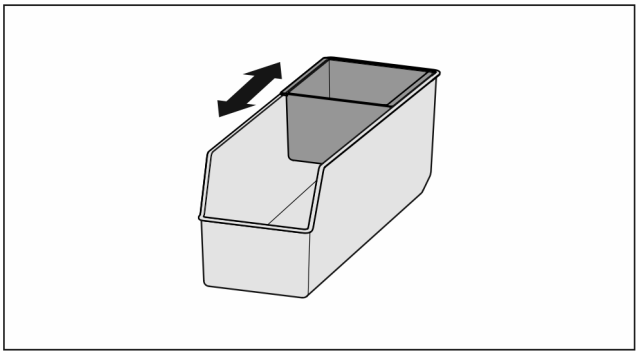


Fig. 60

▶ Move the inner shell.

Removing the FlexSystem

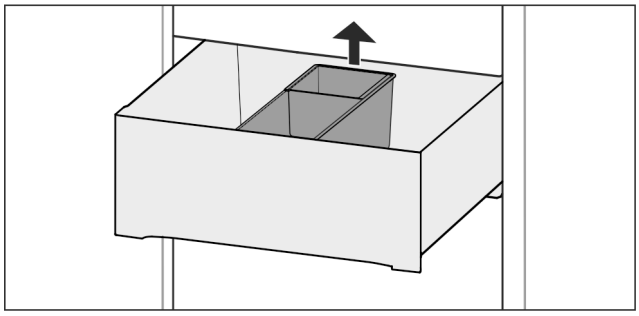


Fig. 61

▶ Lift the FlexSystem from the back.
▶ Pull up and out.

Inserting the FlexSystem

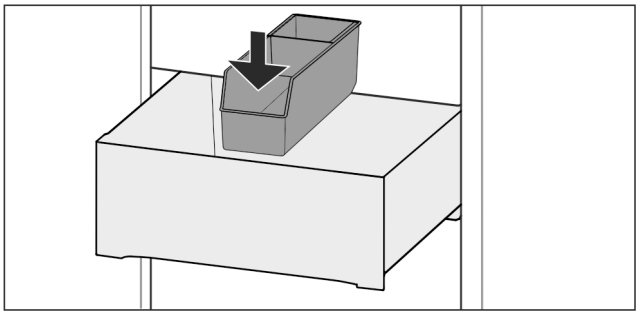


Fig. 62

▶ Insert the FlexSystem front-first.
▶ Lower the rear part.

Disassembling the FlexSystem

You can take the FlexSystem apart for cleaning.

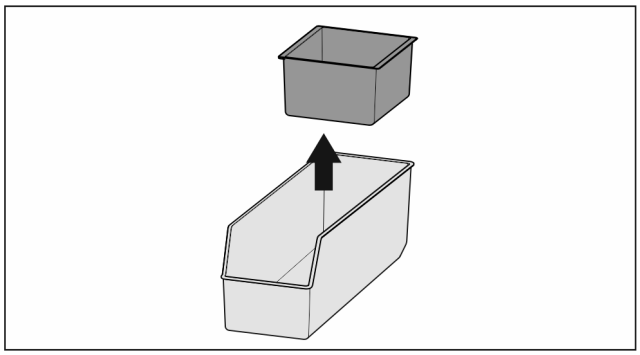


Fig. 63

▶ Disassembling the FlexSystem

7.13.5 Ice cube tray with cover*

Using the ice cube tray

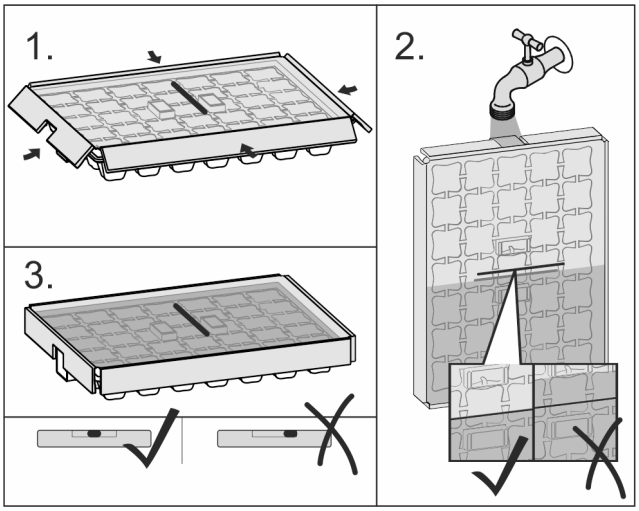


Fig. 64

When the water is frozen:

▶ Hold ice cube tray under hot water for a short time.
▶ Remove the lid.
▶ Gently turn the ends of the ice cube tray in opposite directions.
▶ Release the ice cubes.

Dismantling the ice cube tray

You can take the ice cube tray apart for cleaning.

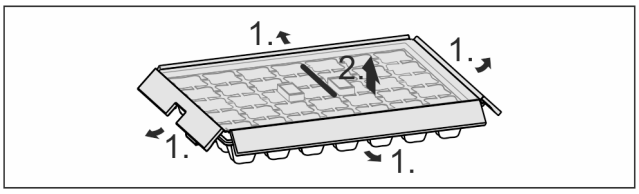


Fig. 65

▶ Disassembling the ice cube tray.

8 Maintenance

8.1 FreshAir carbon filter

The FreshAir carbon filter is in the compartment above the fan.

It guarantees the best air quality.

❑ Replace the carbon filter every 6 months.
With the *Reminder* setting on, a message on the display prompts you to replace it.
❑ The carbon filter can be disposed of with the regular household waste.

Note

You can purchase the FreshAir carbon filter from the Liebherr household appliance store (home.liebherr.com).

*** Depending on model and options**

8.1.1 Removing the FreshAir carbon filter

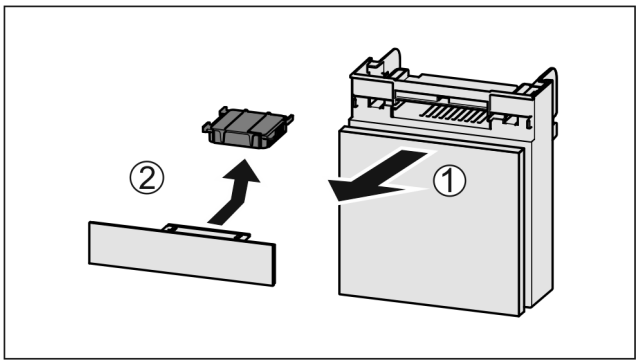


Fig. 66

▶ Pull out the compartment *Fig. 66 (1)*.
▶ Remove the carbon filter *Fig. 66 (2)*.

8.1.2 Inserting the FreshAir carbon filter

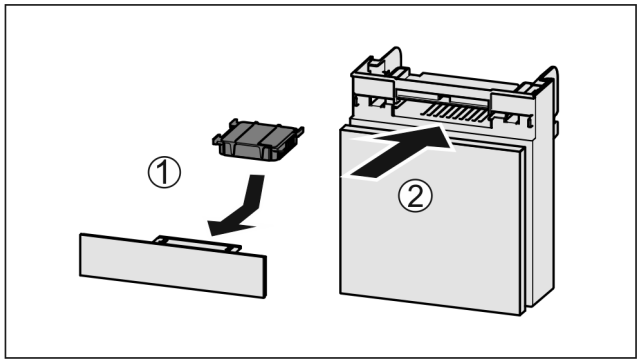


Fig. 67

▶ Insert the carbon filter as shown in the diagram *Fig. 67 (1)*.
▷ The carbon filter clicks into place.
If the carbon filter is pointing downwards:
▶ Push the compartment in *Fig. 67 (2)*.
▷ The carbon filter is now ready for use.

8.2 Water tank*

The InfinitySpring water tank is located behind the lowest drawer.

8.2.1 Removing the water tank

▶ Turn off the tap.
▶ Drain the InfinitySpring for 30 seconds and collect remaining water using a glass.
▶ Remove the drawer compartment.
▶ Turn the water tank all the way anti-clockwise and pull it out.
▷ Water dripping out is collected in the drip tray.
▶ Empty out the water from the drip tray.
▶ Clean the drip tray with a cloth or in the dishwasher.

8.2.2 Inserting the water tank

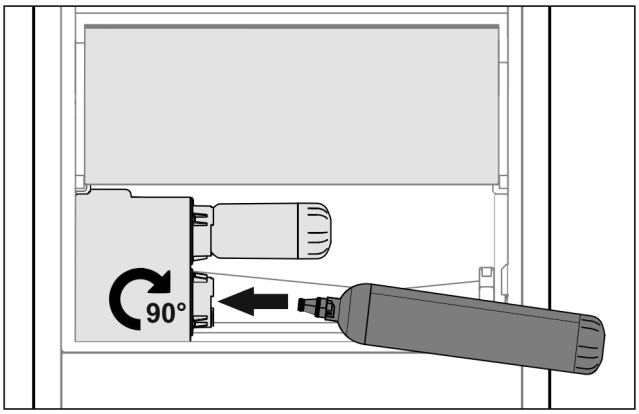


Fig. 68

▶ Remove the drawer compartment.
▶ Insert the water tank and rotate approx. 90° clockwise until it clicks in.
▶ Check that the tank is sealed and no water leaks out.
▶ Insert the drawer compartment.
▶ Turn on the tap.
▶ Vent the water system (see the Installation Instructions, Water Connection).

Instead of the water filter you can insert an additional water tank.

Note
You can purchase this water tank as an optional extra.

8.2.3 Removing / inserting the drip tray

You can remove the drip tray for cleaning.

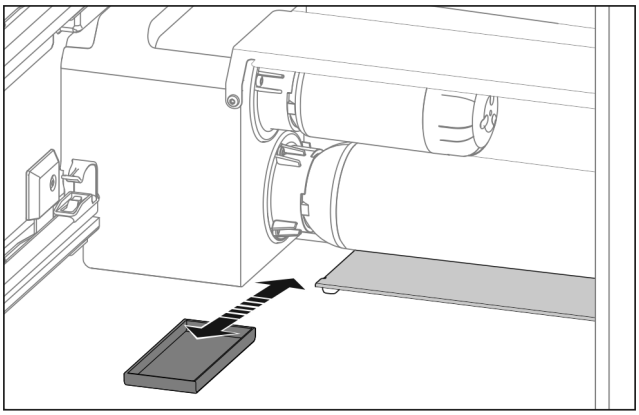


Fig. 69

▶ Pull out the drip tray to the front.

8.3 Water filter*

The water filter is located behind the lowest drawer.

It filters out deposits in the water and reduces the taste of chlorine.

❑ Replace the water filter at least every 6 months, or if there is a significant reduction in the flow rate.
❑ The water filter contains carbon and can be disposed of with the regular household waste.

Note
You can purchase the water filter from the Liebherr household appliance store (home.liebherr.com).

8.3.1 Removing the water filter

▶ Remove the drawer compartment.

▶ Turn the water filter all the way anti-clockwise and pull it out.
▷ Water dripping out is collected in the drip tray.
▶ Clean the drip tray with a cloth or in the dishwasher.

8.3.2 Inserting the water filter

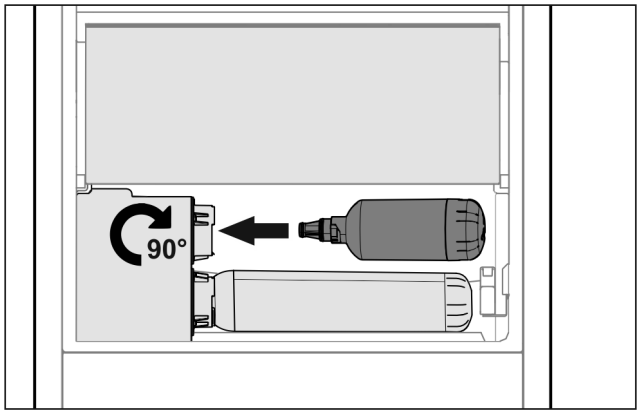


Fig. 70

▶ Remove the drawer compartment.
▶ Insert the water filter and rotate approx. 90° clockwise until it clicks in.
▶ Check that the filter is sealed and no water leaks out.
▶ Insert the drawer compartment.

CAUTION
New water filters can contain suspended matter.
▶ Draw 3 l of water from the InfinitySpring and dispose of it.

▷ The water filter is now ready for use.

8.4 Disassembling / assembling pull-out systems

You can disassemble some of the pull-out systems for cleaning. Your appliance can contain various pull-out systems.

The following pull-out systems can be disassembled or cannot be disassembled:

Pull-out system	can be disassembled / cannot be disassembled
Fully extendible*	cannot be disassembled*
Partial pull-out fridge compartment*	cannot be disassembled*

8.5 Defrosting the appliance

WARNING
Improper defrosting of the appliance!
Injuries and damage.
▶ Do not use mechanical equipment or other methods to speed up the defrosting process other than those recommended by the manufacturer.
▶ Do not use electrical heating or steam-cleaning appliances, naked flames or defroster sprays to defrost.
▶ Do not use sharp objects to remove ice.

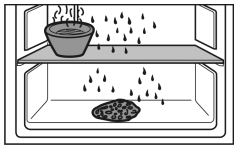
Defrosting is performed automatically. The water from the thawing process drains through the outlet and evaporates.
▶ Clean the drain opening regularly (see 8.7 Cleaning the appliance) .

8.6 Defrosting the freezer compartment manually*

A layer of frost or ice forms after prolonged use.

The following factors promote the formation of frost or ice:
- The appliance is opened frequently.
- Hot food is put in.

▶ Switch off the appliance (see 6.4 Settings) .
▶ Pull out the mains plug or switch off the fuse.
▶ Wrap the frozen produce in newspaper or blankets and store in a cool place.



▶ Place a pan of hot water (not boiling) on the middle shelf.
▷ This speeds up the defrosting process.
▶ Leave the compartment and appliance door open during defrosting.
▶ Remove loosened pieces of ice.
▶ Make sure that there is no melted ice water in the cabinet.
▶ Soak up the melted ice water with a sponge or cloth several times as necessary.
▶ Clean the appliance (see 8.7 Cleaning the appliance) .

8.7 Cleaning the appliance

8.7.1 Ready

WARNING
Danger of electric shock!
▶ Remove the refrigerator connector or interrupt the power supply.

WARNING
Risk of fire
▶ Do not damage the refrigeration circuit.

▶ Empty the appliance.
▶ Remove mains connector.
-or-
▶ Activate CleaningMode. (see CleaningMode)

8.7.2 Cleaning the interior

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses abrasive sponges or steel wool which may cause scratches.
▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

▶ Plastic surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Metal surfaces: clean by hand with a soft clean cloth, lukewarm water and a little detergent.
▶ Drain outlet *Fig. 1 (14)*: remove any deposits with a thin item such as a cotton bud.

8.7.3 Clean the components

NOTICE
Improper cleaning!
Damage to the appliance.
▶ Only use soft cleaning cloths and ph-neutral all-purpose cleaners.
▶ Do not uses abrasive sponges or steel wool which may cause scratches.
▶ Do not use any sharp or abrasive cleaning agents, nor any that contain sand, chloride or acid.

Clean with a soft, clean cloth, lukewarm water and some detergent:

- VarioSafe
- Fruit & Vegetable safe cover
- Drawer
- Adjustable bottle shelf
- FlexSystem

Clean with a damp cloth:

- Retractable rails
  Please note: The grease in the tracks is used for lubrication and must not be removed!

Wash in the dishwasher up to 60 °C:

- Door rack
- VarioBox
- Bottle rack
- Shelf
- Dividing shelf
- Holder of the dividing shelf
- HydroBreeze water tank and water tank lid
- Drip tray*
- Egg rack
- Butter dish
- Ice cube tray*

▶ To disassemble components: see the relevant section.
▶ Clean the components.

8.7.4 Cleaning the InfinitySpring*

You can clean the InfinitySpring outlet and around it without disconnecting the appliance from the mains.

Cleaning is required in the following cases:

❑ Initial operation
❑ If out of use for more than 5 days.

▶ Press the bottom pushbutton of the dispenser.
▷ The outlet unit moves out.
▶ Clean the water outlet and around it with a soft, clean cloth, lukewarm water and some detergent.
▶ Release the bottom pushbutton.
▶ Draw 2 l of water from the InfinitySpring and dispose of it.*

8.7.5 Cleaning the HydroBreeze

Cleaning is required in the following cases:

❑ Initial operation
❑ HydroBreeze is off for more than 48 hours.
❑ Refill the water tank.

Ensure that the following conditions are met:

❑ HydroBreeze is off (see HydroBreeze) .
❑ Water tank has been removed and cleaned in the dishwasher.

▶ Wipe out the recess with a damp cloth.
▶ Insert the water tank.
▶ Activate the HydroBreeze.

8.7.6 After cleaning

▶ Wipe the appliance and the components dry.
▶ Connect and switch on the appliance.
The temperature is cold enough:
▶ Place the food inside.
▶ Repeat cleaning regularly.

9 Customer help

9.1 Technical specifications

Temperature range	
Cooling	3 °C to 9 °C
BioFresh	0 °C to 3 °C

Maximum freezer quantity / 24 hrs	
Freezer compartment*	See the type plate under “Freezer goods ... /24 hours”*

Maximum size baking tray	
Width	466 mm
Depth	386 mm
Height	50 mm

Lighting	
Class[1]	Light source
This product contains a light source that meets energy efficiency rating G	LED

1 The appliance may contain light sources with different energy efficiency classes. The lowest energy efficiency class is indicated.

For appliances with a WiFi connection:

Frequency specification	
Frequency band	2.4 GHz
Maximum radiated power	<100 mW
Purpose of the wireless equipment	Integration in the local WiFi network for data communication

9.2 Operating noises

The appliance makes different noises when it is on.

- At **higher temperatures** the appliance uses less energy but works for longer. It is **quieter**.
- At **lower temperatures** the food is cooled faster. It is **louder**.

  Examples:
  - Functions on (see 6.3 Functions)
  - Fan running
  - Food recently added
  - High ambient temperature
  - Door open for a while

Noise	Possible cause	Type of noise
Bubbling and splashing	Coolant flowing into the cooling circuit.	Normal operating noise

Noise	Possible cause	Type of noise
Hissing	Coolant sprays into the cooling circuit.	Normal operating noise
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Suction noises	Soft-closing door is being opened and closed.	Normal operating noise
Humming and rustling	The fan is running.	Normal operating noise
Clicking	Components are switched on and off.	Normal switching noise
Rattling or humming	Valves or flaps are working.	Normal switching noise

Noise	Possible cause	Type of noise	Lifting
Vibration	Improper installation	Defective noise	Check the installation. Level the appliance.

Noise	Possible cause	Type of noise	Lifting
Rattling	Components, items inside the appliance	Defective noise	Secure components. Leave enough space between the items.

9.3 Technical fault

Your appliance is designed and built to ensure it works reliably and has a long service life. In the unlikely event that a fault occurs during operation, please check whether it is due to an operating error. If so, you will be charged for the callout and repair costs even if it falls within the warranty period.

You can fix the following faults yourself.

9.3.1 Appliance function

Defect	Cause	Remedy
The appliance is not working.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The power plug is not properly plugged into the socket.	▶ Check the power plug.
	→ There is something wrong with the power outlet fuse.	▶ Check the fuse.
	→ Power cut	▶ Keep the appliance closed. ▶ Protecting food: Lay freezer packs on top of the food or use another freezer if the power is off for a prolonged period. ▶ Do not re-freeze defrosted food,
	→ The appliance plug does not fit the appliance properly.	▶ Check the appliance plug.
Temperature is not cold enough.	→ The appliance door is not closed properly.	▶ Close the appliance door.
	→ Not enough ventilation.	▶ Keep ventilation grille clear, and clean it.
	→ The ambient temperature is too high.	▶ Solution: (see 1.4 Appliance range of use) .
	→ The appliance was opened too many times or for too long.	▶ Wait to see if the required temperature corrects itself. If not, contact Customer Service (see 9.4 Customer Services) .
	→ The temperature is set incorrectly.	▶ Turn down the temperature and check after 24 hours.
	→ The appliance is too close to a heat source (oven, radiator, etc).	▶ Move the appliance or the heat source.
	→ The appliance was not correctly installed in the recess.	▶ Check if the appliance was installed correctly and that the door closes properly.
The door seal is defective or needs	→ The door seal can be replaced. It can be replaced without the need for special tools.	▶ Contact Customer Services (see 9.4 Customer Services) .

Defect	Cause	Remedy
to be replaced for another reason.		
The appliance builds up too much ice or condensation.	→ The door seal may have slipped out of its groove.	▶ Check that the door seal is well fitted in the groove.

9.3.2 Features

Defect	Cause	Remedy
The InfinitySpring is not working.*	→ There is air in the water system.	▶ Vent the water system (see the Installation Instructions, Water Connection).
	→ The water connection is not open.	▶ Open the water connection.*
The water flow through the InfinitySpring is irregular.*	→ The aerator is dirty.	▶ Replace the aerator. Contact Customer Services (see 9.4 Customer Services) .
HydroBreeze is not keeping refrigerated goods moist.	→ The HydroBreeze is not on.	▶ Activate the HydroBreeze.
	→ There is not enough water in the water tank.	▶ Fill the water tank.
	→ There is dirt in front of the concentrator.	▶ Clean the HydroBreeze.
	→ The water tank is not clicked into place properly.	▶ Click the water tank into place.
	→ The cover of the Fruit & Vegetable-Safe is in “low air moisture” mode.	▶ Set the Fruit & Vegetable-Safe to the “high air moisture” mode.
The internal light does not come on.	→ The appliance is not switched on.	▶ Switch the appliance on.
	→ The door was open for longer than 15 minutes.	▶ Interior lighting turns off automatically after approx. 15 min. with the door open.
	→ The LED interior light is faulty or the lid is damaged.	▶ Contact customer service (see 9.4 Customer Services) .
The freezer compartment cannot be closed.*	→ The lock is on when the door is open.	▶ Use the handle again.

Auto Door AutoDoor FAQ

Defect	Cause	Remedy
The door opens at a different speed.	→ The speed of the door depends on how much is stored in it.	▶ No action is required.
The motor stops and the door does not close.	→ There are objects blocking the door.	▶ Remove the objects. ▶ Push the drawers all the way in. ▶ Wait a while. ▶ Move the door manually.
	→ The mechanism is blocked.	▶ To avoid damaging the hinge: Do not move the door against the motor. ▶ Contact customer service. (see 9.4.1 Contact Customer Services)
	→ The motor is overheated.	▶ Let the motor cool down.

Defect	Cause	Remedy
		▶ Wait a while. ▶ Move the door manually.
The door opening angle cannot be saved.	→ The selected door opening angle is too small.	▶ Set a different door opening angle: Select a door opening angle of at least 70°. Liebherr recommends at least 90°, so that you can easily pull out the drawers. (see AutoDoor)
The door does not respond to knocking.	→ You are not knocking hard enough.	▶ Increase the sensitivity of the knocking sensor. The knocking sensor is on the hinge side on the narrow side of the door. (see the installation instructions)
	→ The knocking function is not activated.	▶ Activate the AutoDoor function. (see AutoDoor)
The door does not close by voice command.	→ The voice assistant is not set up.	▶ Set up the voice assistant. (see AutoDoor)
	→ You can find detailed information and tutorials at:	▶ home.liebherr.com/faq-autodoor

9.4 Customer Services

First check if you can fix the error yourself (see 9 Customer help) . If you can't, contact Customer Services.

Please refer to the enclosed “Liebherr-Service” brochure for the address.

WARNING
Unprofessional repair!
Injuries.
- ▶ Have any repairs and action - not expressly specified - on the appliance and mains cable carried out by service personnel only. (see 8 Maintenance)
- ▶ A damaged mains cable may only be replaced by the manufacturer, the manufacturer’s Customer Service or a similarly qualified person.
- ▶ In the case of appliances with an IEC connector, the change may be made by the customer.

9.4.1 Contact Customer Services

Make sure you have the following appliance data at the ready:

- ❑ Appliance name (model and index)
- ❑ Service no. (Service)
- ❑ Serial no. (S no.)

▶ Look up the appliance information on the display (see Info) .

-or-

▶ Referring to appliance info on the nameplate (see 9.5 Model plate) .

▶ Note down the appliance information.
▶ Notify Customer Services of the following: Give us the appliance data.
▷ This will help us to provide you with a faster, more accurate service.
▶ Follow any further instructions given by Customer Services.

9.5 Model plate

The model plate is behind the drawers on the inside of the appliance.

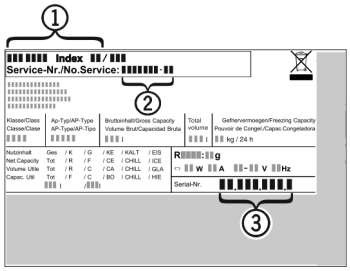


Fig. 71

(1) Appliance description **(3)** Serial no.
(2) Service no.

▶ Note the data on the model plate.

10 Shutting down

▶ Empty the appliance.
▶ Turn off the appliance (see 6.4 Settings) .
▶ Remove mains connector.
▶ Remove appliance connector if required: Remove and move from left to right at the same time.
▶ Clean the appliance (see 8.7 Cleaning the appliance) .
▶ Leave the door open to avoid bad smells building up.

11 Disposal

11.1 Preparing appliance for disposal



Liebherr uses batteries in some of its appliances. In the EU, for environmental reasons, legislation obliges the end user to remove these batteries before disposing of old appliances. If your appliance contains batteries, a corresponding notice is attached.

Lamps	If you can remove the lamps yourself without destroying them, also remove these before disposal.

- ▶ Take the appliance out of operation.
- ▶ Appliances with batteries: remove the batteries. For description, see **Maintenance** chapter.
- ▶ If possible: remove lamps without destroying them.

11.2 Disposing of the appliance in an environmentally friendly manner



The appliance still contains valuable materials and must be disposed of separately from unsorted municipal waste.





Dispose of batteries separately from the old appliance. To do this, you can return the batteries free of charge to retailers as well as recycling centres and collection centres for recyclable materials.

Lamps	Dispose of removed lamps via the respective collection systems.
For Germany:	You can dispose of the appliance free of charge via the class 1 collection containers at the local recycling and recyclable material collection centres. When purchasing a new fridge/freezer, if the sales area > 400 m^2, retailers will also take back the old appliance free of charge.

WARNING
Leaking coolant and oil!
Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.

- ▶ Transport the appliance without damaging it.
- ▶ Dispose of batteries, lamps and the appliance according to the above specifications.



home.liebherr.com/fridge-manuals

EN integrated fridge

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